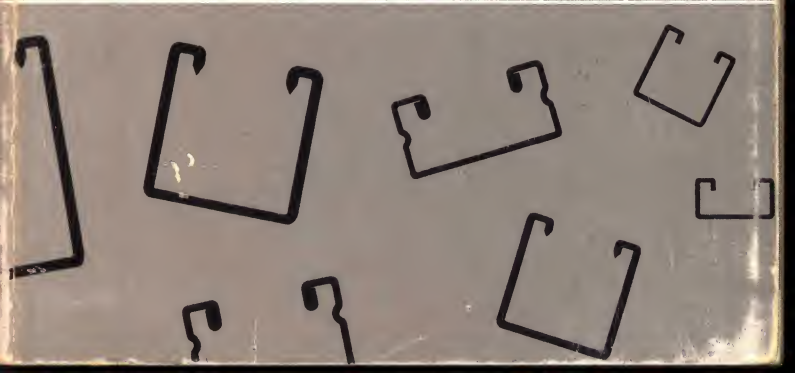
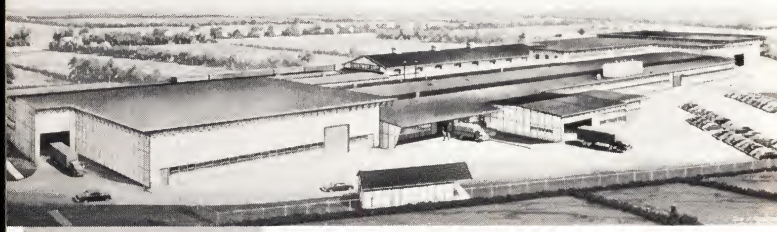
A.I.A. File No. 16-a

UNISTRUT®

General Engineering Catalog No. 810





UNISTRUT CORPORATION, Wayne, Michigan

UNISTRUT, the originol Attwood system of metol frame construction, hos been mode in this continuolly expanding plont since 1939, by the some compony which hos foithfully corried on its own reseorch ond development work os well os monufocturing since 1923. The buildings, except for the originol brick building, ore built entirely of UNISTRUT froming, which by itself is o very sizeoble reseorch project covering o period of over 15 yeors. Our customers con feel ossured thot the age ond experience of our orgonizotion will merit the confidence they ploce in us.

Foreword

With the development of UNISTRUT, a product was introduced that offered a quicker, easier way of building all types of frames and supports for electrical and mechanical equipment, storage racks, partitions plus a multitude of other uses. UNISTRUT has become the accepted name for all-purpose adjustable metal framing. It is a high tribute to the engineering design, manufacturing quality, field performance and acceptance of the UNISTRUT system of metal frame construction.

There is only one UNISTRUT system. It incorporates many exclusive patented features such as "serrated grooves" in the spring-held clamping nut and the pyramid shaped inturned edges of the UNISTRUT channel which, working together, gives the UNISTRUT system its great strength, holding power and complete flexibility. Look for the name "UNISTRUT" stamped on every genuine UNISTRUT product.

This catalog presents all the necessary engineering data required on UNISTRUT channels and standard fittings for the use of designers when specifying UNISTRUT materials.

UNISTRUT is distributed by Unistrut Products Company, Chicago, Illinois through a network of authorized distributors. These franchised distributors are located in all principal cities of the United States and Canada. They maintain sales and engineering facilities and carry complete local warehouse stocks to render fast, intelligent service and practical assistance on any job. UNISTRUT is also exported throughout the world.

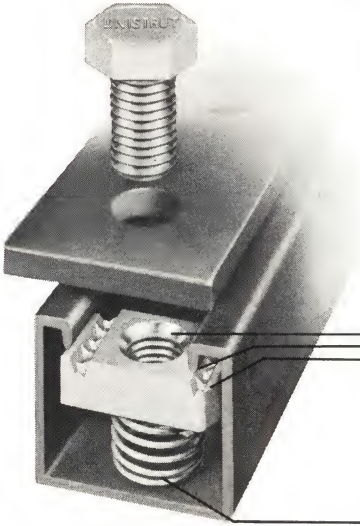
UNISTRUT®

the original Attwood metal framing system

adjustable

demountable

reusable



LOOK FOR THESE FEATURES:

Large chamfer eases starting of bolt.
Pyramid shaped clamping ridges and tapered, serrated grooves produce strong vise-like grip between channel and nut.

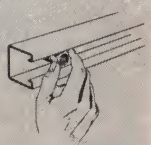
- Channel and nut is aligned since the pyramid shaped clamping ridges and the nut's tapered grooves act as guides.
- Nut grooves grip clamping ridges tying channel sides together as bolt is tightened.
- Longitudinal movement of nut is resisted as hardened teeth dig into the clamping ridges.

Spring holds nut in place — the workman's third hand.

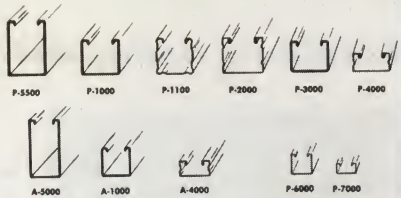
THE "UNISTRUT" CONNECTION

strong fast economical
adaptable for all framing uses
standardizing all joints

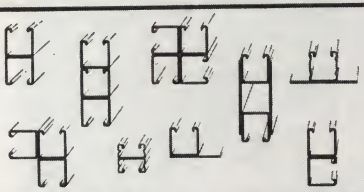
Spring nut is inserted anywhere along continuous slot. Rounded nut ends permit easy insertion.



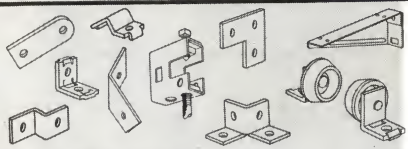
A 90 degree turn positions the se rated grooves in the nut with th clamping ridges of the channel.



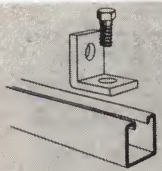
ELEVEN BASIC CHANNEL SHAPES — This wide variety permits the selection of the framing member best suited for strength, appearance and economy.



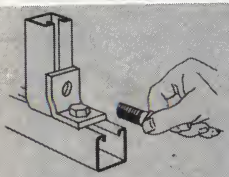
MANY CHANNEL COMBINATIONS — By spotwelding basic channels together an unlimited variety in framing members is possible.



FITTINGS FOR ALL FRAMING AND ALL KINDS OF ATTACHMENTS — Many single fittings solve more than one kind of frame connection assuring multiple-use and standardization. In addition a wide selection of clamps, clips, brackets, rollers, etc. allows almost anything to be attached.



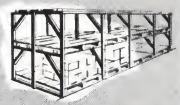
Fittings may be placed anywhere along channel slot permitting complete freedom of adjustment. The need for drilling holes is eliminated.



The fitting makes the connection between any framing channels or as means for other attachments.

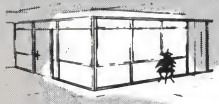
A turn of a wrench locks the serrated teeth of the nut into the clamping ridge of the channel to make the strong, vise-like connection.

you can build anything with **UNISTRUT**



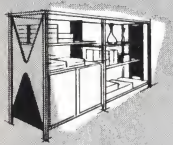
RACKS

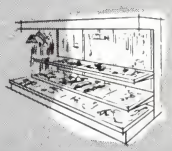
Pallet
Die
Sheet Material
Cable Reel
Production material
Autamative Ports
General Storage
Bar Stock
Barrel
Furniture



MOVEABLE PARTITIONS

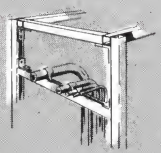
Floor to ceiling
Door height
Glazed railing
Plain railing
Tool crib

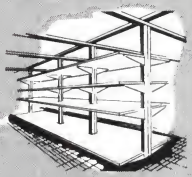




DISPLAYS

Window display
Merchandise display
Display dividers
Trade shows
Display wall





SPECIAL APPLICATIONS

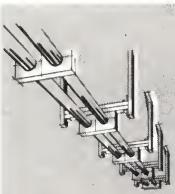
Instrumentation
Conveyor framing
Shelf brackets
Oven framing
Mezzanines
Stairways
Fire escapes
Outdoor canopies

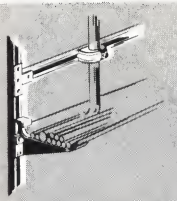
Thousands of Other Applications

you can attach anything with **UNISTRUT**

ELECTRICAL SUPPORTS

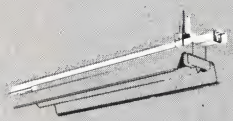
Conduit
Bus bar
Bus duct
Cable tray
Electrical equipment
Cable





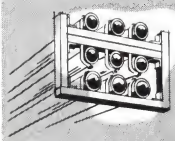
LIGHTING SUPPORTS

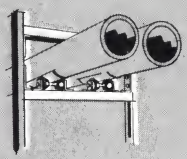
Fluorescent fixtures
Flood lighting
Display
Studio lighting
Luminous ceilings



MECHANICAL SUPPORTS

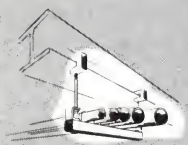
Water lines
Tunnel stanchions
Steam lines
Pipe
Tube

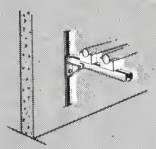




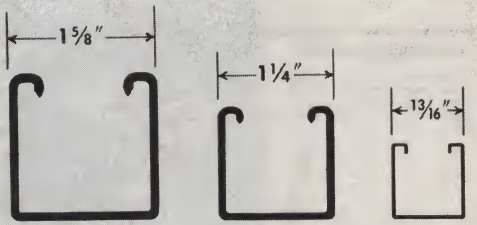
STRUCTURAL SUPPORTS

Concrete inserts
Brick wall inserts
Beam attachments
Trapezes
Curtain walls





UNISTRUT - offered in three channel width series



All the features of adjustability, demountability and reusability are duplicated in the three channel width series. Each series has channels of varying depth and gauge of metal. Each series has a complete line of framing and attachment fittings along with the nuts and bolts. Each series is a framing system, complete in itself, differing only in relative size and strength.

1 5/8 channel width series

This basic series is designed to carry the heaviest loads and to have widest variety of application. It has found widespread use in the general storage field as well as the mechanical and electrical trades where supports and attachments are needed for goods and equipment. Six basic channels with three as concrete inserts are offered.

Channels and Combinations

General Fittings

UNISTRUT Nuts

Electrical Accessories

Mechanical Accessories

Building Items

1 1/4 channel width series

This series is designed for framing uses of medium loads. It is especially applicable in the commercial and display fields. A complete system in itself, it carries relatively heavy loads but at the same time maintains a lightness in scale and cleanness of line that makes it aesthetically pleasing for all interiors. Three basic channels are available.

Channels and Combinations

General Fittings

UNISTRUT Nuts

13/16 channel width series

This series is an exact half size reduction of the 1 5/8 channel width series. In this respect it can be used as an adjunct to the 1 5/8 series as well as being a system complete in itself. It is designed to carry light loads economically but at the same time provides the same flexibility of use as the other two series. Two channels are offered with both being available as concrete inserts.

Channels and Combinations

General Fittings

UNISTRUT Nuts

Mechanical Accessories

General Specifications

FRAMING MEMBERS

The UNISTRUT framing members are accurately and carefully cold formed to size from strip steel. One side of the channel has a continuous slot with inturned, pyramid shaped clamping ridges on each side. This pyramid shape guides the UNISTRUT nut grooves into place and provides a reduced area for the nut to bite into. Secure attachments may then be made to the framing member with the use of these hardened, toothed, slotted nuts which engage the clamping ridges.

FITTINGS

The UNISTRUT fittings, unless noted otherwise, are punch press made from hot rolled, pickled and oiled steel plates or strip. The pickling of the steel produces a smooth surface free from scale.

NUTS

The UNISTRUT nuts are made from steel bars and after all machining operations are completed, they are thoroughly cyanide hardened. They are rectangular with the ends so shaped as to permit a quarter turn crosswise in the framing member after inserting through the slotted opening in the channel and prevent any further turning of the nut. Two serrated grooves in the top of the nut engage the inturned edges of the channel and, after bolting operations are completed, will prevent any longitudinal movement of the bolt and nut within the framing member. All bolts and nuts have Unified and American coarse screw threads.

MAPLE AND PORCELAIN CLAMPS

All maple bus bar and cable clamps are made from selected, clear, hard, kiln-dried maple. After fabrication, all clamps are boiled in paraffin until penetration reaches an average depth of 1/16".

All porcelain for clamps is made by the dry process, white glazed and of the best materials.

FINISH

Standard finish on UNISTRUT channels and the majority of fittings, is greenamel. All material is "Bonderized" before painting. Nuts and bolts, pipe clamps, and P-6000 and P-7000 fittings are electro-galvanized. Most sections and parts can be supplied in plain oiled finish or hot dipped galvanized.

"Banderizing" — All UNISTRUT steel products are "banderized" prior to painting. This is a process which converts the iron and steel surfaces to a non-metallic phosphate coating, adapted to inhibiting corrosion and increasing the adhesion and resultant durability of the applied paint finishes.

Greenamel — This is a very high grade corrosion resisting green synthetic primer which is applied by dipping after all parts have been carefully cleaned and "Banderized."

WEIGHTS AND DIMENSIONS

Weights given for all materials are approximate shipping weights. All dimensions subject to commercial tolerance variations. The right is reserved to make dimensional or specification changes without notice.

1 5/8 channel width series

"UNISTRUT" CHANNELS AND COMBINATIONS

MATERIAL
All single "UNISTRUT" members are accurately and carefully rolled from mild strip steel. All multiple members are two or more single UNISTRUT members spot welded approximately 2" to 3" on center.

Single channels are also available in aluminum, brass or copper. P-1100, P-2000 and P-4000 are available in stainless steel.

MATERIAL THICKNESS
The following thicknesses of the various channels are as follows:

P-1000	—	.109"
P-1100	—	.075"
P-2000	—	.055"
P-3000	—	.109"
P-4000	—	.055"
P-5500	—	.109"

STANDARD LENGTHS
Standard lengths of the above channels are 10 and 20 feet (plus ¼" to ½" to allow for cutting). Facilities are available to cut standard lengths into any special lengths for a small cutting charge. Standard tolerance is plus or minus ⅛".

FINISHES
All channels are available in plain, greenomel or hot dipped galvanized finish.

UNISTRUT Corporation

index

P-1000 channel & combinations

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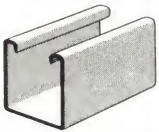
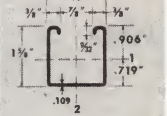


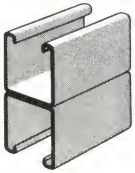


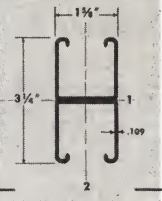
P-1000

Wt. Lbs./C Ft. 200

P-1000 channel and combinations are roll formed from 12 gauge (.109 thick) strip steel.

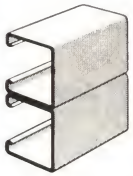
Standard lengths 10 and 20 feet.



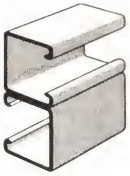


P-1001

Wt. Lbs./C Ft. 400

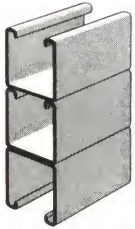


P-1001-A

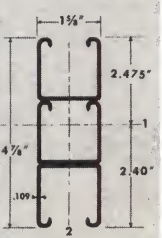


P-1001-B

P-1001-C

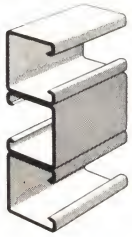


P-1001-3



Wt. Lbs./C Ft. 600

P-1001-A3



P-1001-B3

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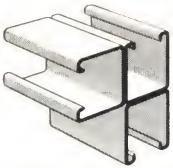
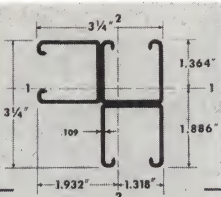


P-1001-C3



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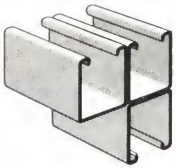

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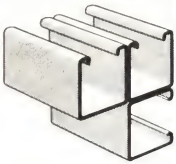

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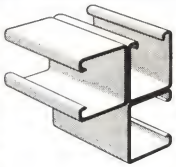

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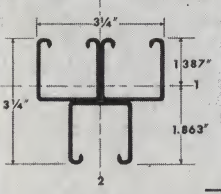

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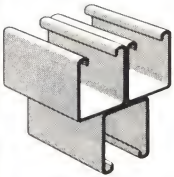
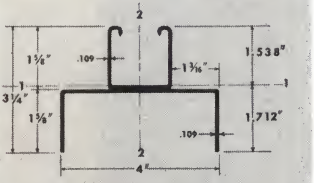
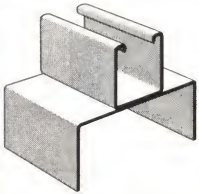


P-1001-D3



Wt. Lbs./C Ft. 463



P-1002

P-1000 channel & combinations

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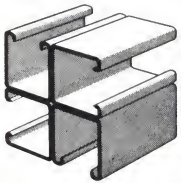
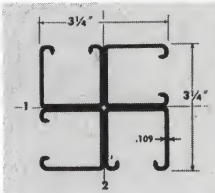
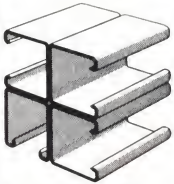


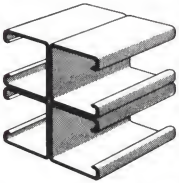


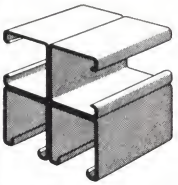


P-1001-C4

Wt. Lbs./C Ft. 800

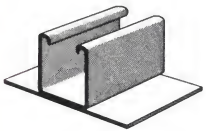
P-1001-C42

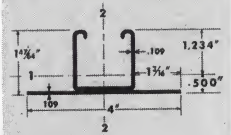




P-1001-C41

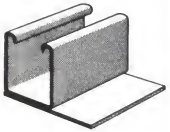
P-1001-C43

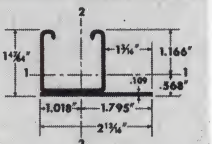




P-1003

Wt. Lbs./C Ft. 348





P-1003-1

Wt. Lbs./C Ft. 304

P-1000 channel & combinations

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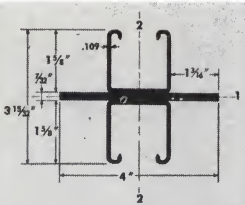
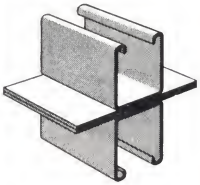
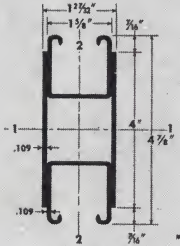


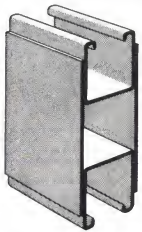
Wt. Lbs./C Ft. 696



P-1004



Wt. Lbs./C Ft. 696



P-1004-A

P-1100 channel & combinations

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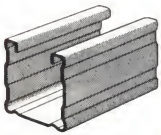
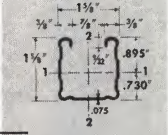


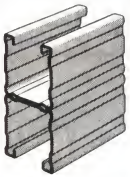


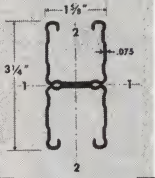
P-1100 channel and combinations are roll formed from 14 gauge (.075 thick) strip steel.

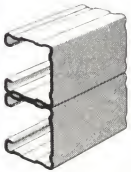
Standard lengths 10 and 20 feet.

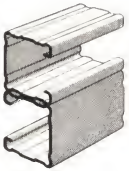
P-1100

Wt. Lbs./C Ft. 140







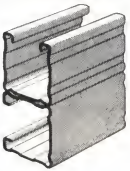


P-1101

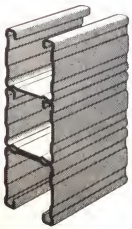
Wt. Lbs./C Ft. 280

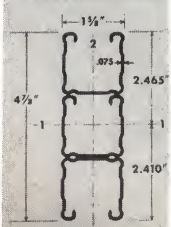
P-1101-A

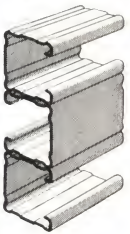
P-1101-B



P-1101-C







P-1101-3

Wt. Lbs./C Ft. 420

P-1101-B3

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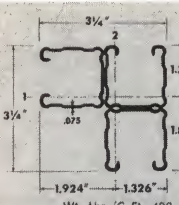
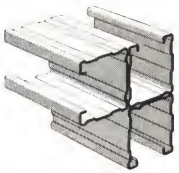
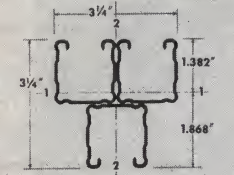


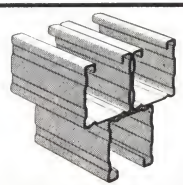
Wt. Lbs./C Ft. 420



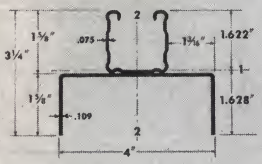
P-1101-C3



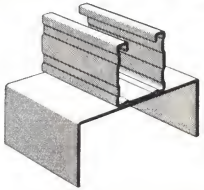
Wt. Lbs./C Ft. 420



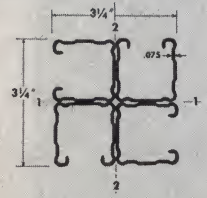
P-1101-D3



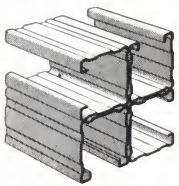
Wt. Lbs./C Ft. 403



P-1102



Wt. Lbs./C Ft. 560



P-1101-C4

1a/8 P-1100 channel & combinations

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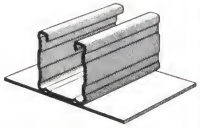
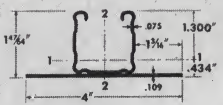
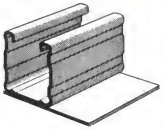
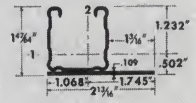


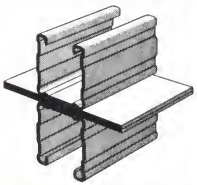


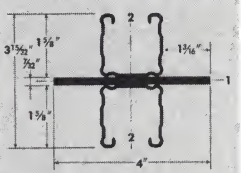
P-1103 Wt. Lbs./C Ft. 288



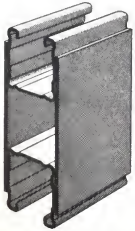


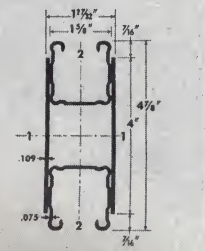
P-1103-1 Wt. Lbs./C Ft. 245





P-1104 Wt. Lbs./C Ft. 576





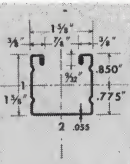
P-1104-A Wt. Lbs./C Ft. 576

P-2000 channel & combinations 1a/9

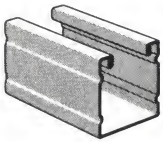
Manufactured by UNISTRUT CORPORATION · Wayne, Michigan

P-2000 channel and combinations are roll formed from .055 thick strip steel.

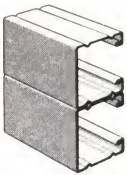
Standard lengths 10 and 20 feet.

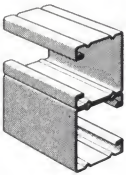


Wt. Lbs./C Ft. 115

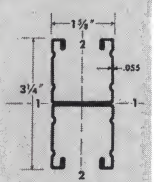


P-2000

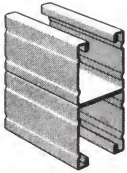




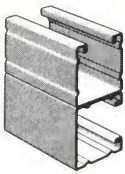
P-2001-A P-2001-B



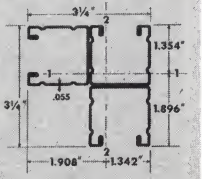
Wt. Lbs./C Ft. 230



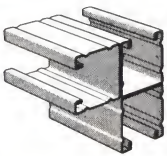
P-2001



P-2001-C



Wt. Lbs./C Ft. 345



P-2001-C3

1a/10 P-2000 channel & combinations

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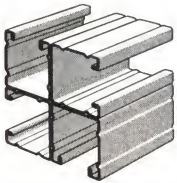
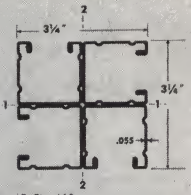
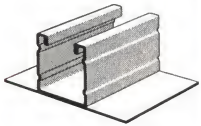


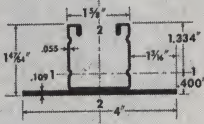
P-2001-C4



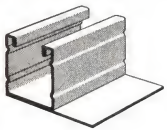
Wt. Lbs./C Ft. 460



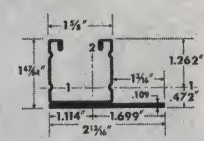
P-2003



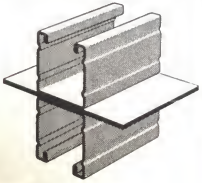
Wt. Lbs./C Ft. 263



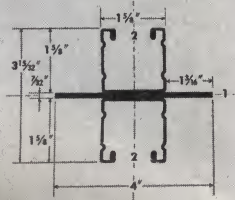
P-2003-1



Wt. Lbs./C Ft. 219



P-2004



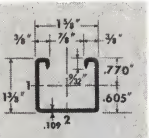
Wt. Lbs./C Ft. 526

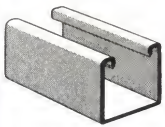
P-3000 channel & combinations 1a/11

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

P-3000 channel and combinations are roll formed from 12 gauge (.109 thick) strip steel.

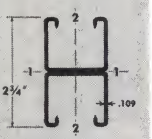
Standard lengths 10 and 20 feet.





Wt. Lbs./C Ft. 180

P-3000

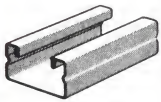


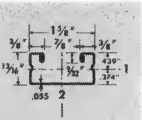
Wt. Lbs./C Ft. 360

P-3001

1a/12 P-4000 channel & combinations

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

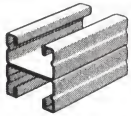


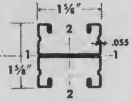


P-4000 channel and combinations are roll formed from .055 thick strip steel.

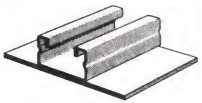
Standard lengths 10 and 20 feet.

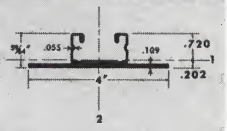
P-4000 Wt. Lbs./C Ft. 85



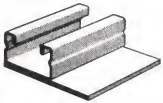


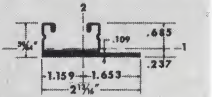
P-4001 Wt. Lbs./C Ft. 170



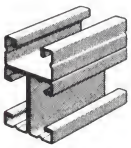


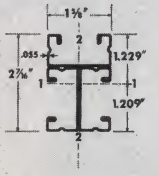
P-4002-1 Wt. Lbs./C Ft. 230

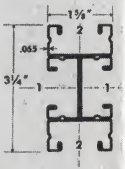


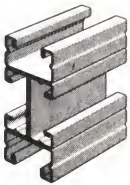


P-4002-2 Wt. Lbs./C Ft. 186









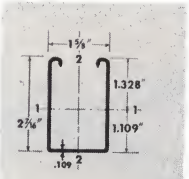
P-4003 Wt. Lbs./C Ft. 250 Wt. Lbs./C Ft. 340 **P-4004**

P-5500 channel & combinations 1a/13

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

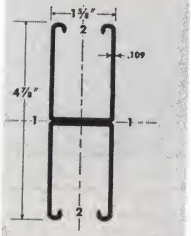
P-5500 channel and combinations are rolled from 12 gauge (.109 thick) strip steel.

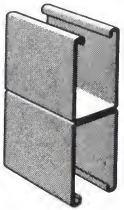
Standard lengths 10 and 20 feet.



Wt. Lbs./C Ft. 260

P-5500



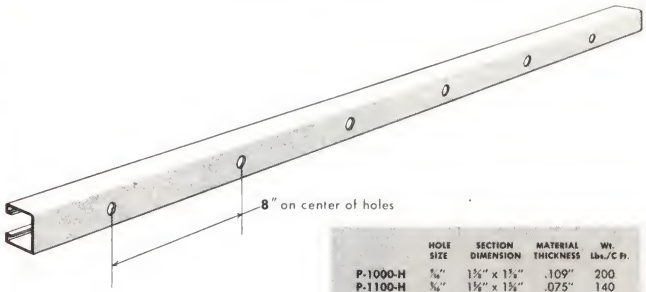


Wt. Lbs./C Ft. 520

P-5501

pierced "unistrut" channels

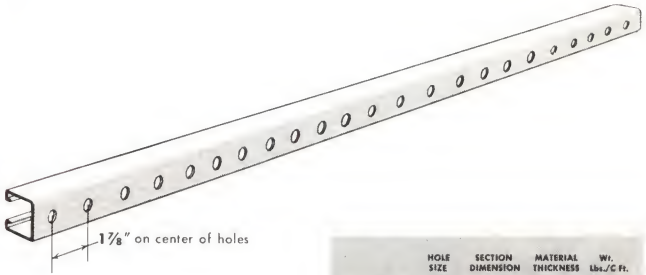
Manufactured by UNISTRUT CORPORATION · Wayne, Michigan



	HOLE SIZE	SECTION DIMENSION	MATERIAL THICKNESS	Wt. Lbs./C Ft.
P-1000-H	7/16"	1 5/8" x 1 5/8"	.109"	200
P-1100-H	3/8"	1 5/8" x 1 5/8"	.075"	140
P-2000-H	3/8"	1 5/8" x 1 5/8"	.055"	115
P-3000-H	9/16"	1 3/4" x 1 3/8"	.109"	180
P-4000-H	9/16"	1 5/8" x 13/16"	.055"	85
P-5500-H	11/16"	1 5/8" x 2 3/4"	.109"	260

Standard lengths — 10' and 20'

P-1000-H, P-1100-H, P-2000-H, P-3000-H, P-4000-H & P-5500-H



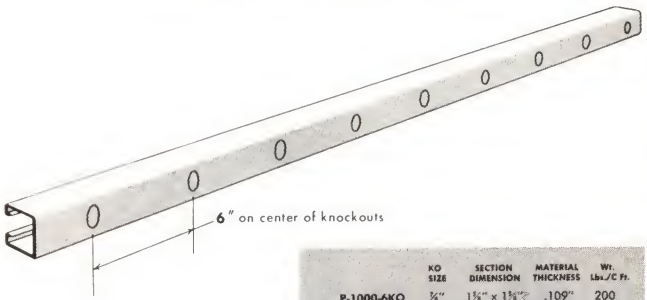
	HOLE SIZE	SECTION DIMENSION	MATERIAL THICKNESS	Wt. Lbs./C Ft.
P-1000-HS	7/16"	1 5/8" x 1 5/8"	.109"	195
P-1100-HS	3/8"	1 5/8" x 1 5/8"	.075"	136
P-2000-HS	3/8"	1 5/8" x 1 5/8"	.055"	112
P-3000-HS	3/8"	1 5/8" x 1 5/8"	.109"	175
P-4000-HS	3/8"	1 3/4" x 13/16"	.055"	82
P-5500-HS	3/8"	1 5/8" x 2 3/4"	.109"	255

Standard lengths — 10' and 20'

P-1000-HS, P-1100-HS, P-2000-HS, P-3000-HS, P-4000-HS & P-5500-HS

knockout "unistrut" channels

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

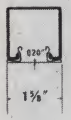


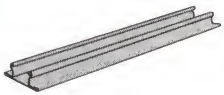
	KO SIZE	SECTION DIMENSION	MATERIAL THICKNESS	Wt. Lbs./C Ft.
P-1000-6KO	¾"	1⅝" x 1⅝"	.109"	200
P-1100-6KO	⅞"	1⅝" x 1⅝"	.075"	140
P-2000-6KO	⅞"	1⅝" x 1⅝"	.055"	115
P-3000-6KO	⅞"	1⅝" x 1⅝"	.109"	180
P-5500-6KO	7/16"	1⅝" x 2⅜"	.109"	260

Standard lengths — 10' and 20'

P-1000-6KO, P-1100-6KO, P-2000-6KO, P-3000-6KO & P-5500-6KO

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan



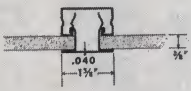


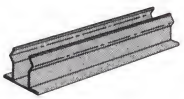
Wt. Lbs./C Ft. 27
Standard length 10 feet

P-1184

Wt. Lbs./C Ft. 47
Standard length 10 feet

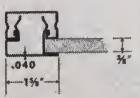
P-3184

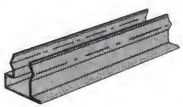




Wt. Lbs./C Ft. 64
Standard length 16 feet

P-4184-60





Wt. Lbs./C Ft. 64
Standard length 16 feet

P-4184-61

1c/2 engineering data - P-1000 channel & combinations

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

BEAM LOADS:

Allowable uniformly distributed loads are listed for various simple spans, that is, beam on two supports. If load is concentrated at center of span, multiply load from table by 0.5 and corresponding deflection by 0.8

Stress 25,000 #/sq. in. — Recommended for use where deflection is not a factor on long spans
Deflection 1/180 span — Recommended for use generally to avoid undue deflections.
Deflection 1/360 span — Recommended for use where the amount of deflection is required to be imperceptible.

COLUMN LOADS:

Column loadings are for allowable axial loads for the unsupported heights listed. If loads are eccentric, loads should be reduced according to standard practice.

BEAM AND COLUMN DATA:

BEAM SPAN OR COLUMN UNSUPPORTED HEIGHT	SECTION NUMBER	UNIFORM LOAD AT 25,000 PSI STRESS	DEFLECTION AT 25,000 PSI STRESS	UNIFORM LOAD @ MAX. DEFLECTION 1/180 SPAN	UNIFORM LOAD @ MAX. DEFLECTION 1/360 SPAN	MAX. LOADING OF COLUMN
18''	P-1000	2500	.03			10,250
	P-1003	3000	.02			16,850
	P-1002	4900	.02			22,700
	P-1001					23,500
	P-1004					34,200
	P-1001-C3					29,900
	P-1001-C4					39,900
	P-1001-3					29,200
	P-1004-A					34,100
24''	P-1000	1900	.06			10,000
	P-1003	2300	.04			16,580
	P-1002	3700	.03			22,400
	P-1001					23,000
	P-1004					33,800
	P-1001-C3					29,500
	P-1001-C4					39,500
	P-1001-3					28,900
	P-1004-A					33,700
30''	P-1000	1500	.09		1480	9,300
	P-1003	1800	.06			16,100
	P-1002	2900	.05			22,000
	P-1001	4150	.05			22,500
	P-1004	4500	.05			33,200
	P-1001-C3					29,300
	P-1001-C4					39,200
	P-1001-3					28,300
	P-1004-A					33,100
36''	P-1000	1280	.13		1000	9,000
	P-1003	1520	.09			15,650
	P-1002	2450	.07			21,590
	P-1001	3500	.07			22,000
	P-1004	3800	.07			32,200
	P-1001-C3	4450	.06			28,800
	P-1001-C4					38,700
	P-1001-3					27,300
	P-1004-A					32,600
42''	P-1000	1080	.17		740	8,000
	P-1003	1300	.12		1220	14,800
	P-1002	2100	.09			20,900
	P-1001	3000	.10			21,500
	P-1004	3250	.09			31,900
	P-1001-C3	3850	.08			28,400
	P-1001-C4					38,050
	P-1001-3					26,300
	P-1004-A					31,800
48''	P-1000	950	.22		570	7,000
	P-1003	1140	.16		940	13,900
	P-1002	1860	.12			20,150
	P-1001	2600	.12			21,000
	P-1004	2870	.12			30,900
	P-1001-C3	3400	.11			27,900
	P-1001-C4	5900	.12			37,500
	P-1001-3					25,000
	P-1004-A					30,800

BEAM SPAN OR COLUMN UNSUPPORTED HEIGHT	SECTION NUMBER	UNIFORM LOAD AT 25,000 PSI STRESS	DEFLECTION AT 25,000 PSI STRESS	UNIFORM LOAD @ MAX. DEFLECTION = 1/180 SPAN	UNIFORM LOAD @ MAX. DEFLECTION = 1/360 SPAN	MAX. LOADING OF COLUMN
60''	P-1000	750	.34	720	360	6,000
	P-1003	910	.25		600	11,950
	P-1002	1470	.18		1350	18,850
	P-1001	2100	.19		1830	19,000
	P-1004	2290	.18		2100	28,800
	P-1001-C3	2700	.17			26,500
	P-1001-C4	4670	.20		3980	36,000
	P-1001-3	4700	.13			22,400
	P-1004-A	5880	.13			28,400
72''	P-1000	630	.50	500	250	5,200
	P-1003	760	.37		410	9,500
	P-1002	1230	.26		930	17,000
	P-1001	1740	.28		1260	17,000
	P-1004	1900	.26		1470	25,900
	P-1001-C3	2250	.24		1880	24,950
	P-1001-C4	3900	.27		2820	34,000
	P-1001-3	3920	.18			19,000
	P-1004-A	4900	.18			25,400
84''	P-1000	540	.68	360	180	4,500
	P-1003	650	.50	610	330	7,250
	P-1002	1060	.36		690	14,800
	P-1001	1490	.37		930	15,500
	P-1004	1630	.35		1070	22,600
	P-1001-C3	1920	.32		1410	23,000
	P-1001-C4	3330	.37		2100	31,800
	P-1001-3	3360	.25		3110	15,050
	P-1004-A	4200	.25		3910	22,100
96''	P-1000	475	.89	280	140	4,000
	P-1003	570	.65	470	230	5,450
	P-1002	920	.47		530	12,150
	P-1001	1300	.49		710	13,500
	P-1004	1420	.46		820	19,000
	P-1001-C3	1680	.42		1060	21,000
	P-1001-C4	2910	.49		1600	29,100
	P-1001-3	2940	.33		2380	11,750
	P-1001- A	3680	.33		3000	18,500
120''	P-1000	370	1.35	180	90	3,000
	P-1003	460	1.02	300	150	3,100
	P-1002	740	.73	680	340	7,950
	P-1001	1040	.76	910	450	8,000
	P-1004	1140	.72	1050	520	12,100
	P-1001-C3	1350	.66		680	15,800
	P-1001-C4	2330	.76	2040	1020	22,800
	P-1001-3	2350	.51		1530	6,900
	P-1004-A	2940	.51		1910	11,600

ELEMENTS OF SECTION

Part No.	Wt./Ft. Lbs.	Area of Section Sq. In.	Axis 1-1 I In.⁴	Axis 1-1 S In.³	Axis 1-1 r In.	Axis 2-2 I In.⁴	Axis 2-2 S In.³	Axis 2-2 r In.
P-1000	2.00	.591	.205	.226	.589	.254	.312	.655
P-1003-1	3.04	.891	.325	.277	.600	.755	.420	.920
P-1003	3.48	1.027	.337	.273	.572	.835	.417	.901
P-1002	4.63	1.358	.760	.444	.748	2.085	1.043	1.239
P-1001	4.00	1.182	1.021	.628	.929	.508	.625	.655
P-1004	6.96	2.054	1 187	.684	.760	1.770	.855	.928
P-1001-D3	6.00	1.773	1.430	.765	.900	1.548	.950	.930
P-1001-C3	6.00	1.773	1.530	.808	.930	1.640	.850	.960
P-1001-C4	8.00	2.364	2.300	1.400	.980	2.300	1.400	.980
P-1001-3	6.00	1.773	3.440	1.410	1.390	.710	.875	.632
P-1004-A	6.96	2.054	4.309	1.767	1.448	1.160	1.250	.750

I — Moment of Inertia S — Section Modulus r — Radius of Gyration

Strength of P-1010 Nuts used in P-1000

Resistance to Slip — 1500 Lbs. per bolt
Pull Out Strength — 2000 Lbs. per bolt
Safety Factor of 3

1c/4 engineering data - P-1100 channel & combinations

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

BEAM LOADS:

Allowable uniformly distributed loads are listed for various simple spans, that is, beam on two supports. If load is concentrated at center of span, multiply load from table by 0.5 and corresponding deflection by 0.8.

Stress 25,000 #/sq. in. — Recommended for use where deflection is not a factor on long spans.
Deflection 1/180 span — Recommended for use generally to avoid undue deflections.
Deflection 1/360 span — Recommended for use where the amount of deflection is required to be imperceptible.

COLUMN LOADS:

Column loadings are far allowable axial loads for the unsupported heights listed. If loads are eccentric, loads should be reduced according to standard practice.

BEAM AND COLUMN DATA:

BEAM SPAN OR COLUMN UNSUPPORTED HEIGHT	SECTION NUMBER	UNIFORM LOAD AT 25,000 PSI STRESS	DEFLECTION AT 25,000 PSI STRESS	UNIFORM LOAD @ MAX. DEFLECTION = 1/180 SPAN	UNIFORM LOAD @ MAX. DEFLECTION = 1/360 SPAN	MAX. LOADING OF COLUMN
18''	P-1100	1780	.03			7,250
	P-1103	2330	.02			13,900
	P-1102	4000	.02			19,600
	P-1101					16,300
	P-1104					27,700
	P-1101-C3					20,500
	P-1101-C4					27,400
	P-1101-3					20,300
	P-1104-A					28,200
24''	P-1100	1330	.06			7,000
	P-1103	1750	.04			13,600
	P-1102	3000	.03			19,300
	P-1101	3700	.03			16,000
	P-1104	3830	.03			27,500
	P-1101-C3					20,400
	P-1101-C4					27,200
	P-1101-3					19,900
	P-1104-A					27,900
30''	P-1100	1060	.09			6,500
	P-1103	1400	.06			13,200
	P-1102	2400	.05			19,100
	P-1101	2950	.05			15,600
	P-1104	3070	.05			26,700
	P-1101-C3	3780	.04			19,900
	P-1101-C4	6540	.05			26,900
	P-1101-3	6460	.03			19,300
	P-1104-A					27,300
36''	P-1100	880	.12		710	6,200
	P-1103	1170	.09			12,700
	P-1102	2000	.06			18,600
	P-1101	2450	.07			15,100
	P-1104	2550	.07			26,200
	P-1101-C3	3160	.06			19,700
	P-1101-C4	5440	.07			26,600
	P-1101-3	5390	.05			18,900
	P-1104-A	8220	.05			27,000
42''	P-1100	760	.17		520	5,400
	P-1103	1000	.12			12,100
	P-1102	1710	.09			18,200
	P-1101	2100	.09			14,500
	P-1104	2190	.09			25,400
	P-1101-C3	2700	.08			18,600
	P-1104-C4	4660	.09			26,200
	P-1101-3	4620	.06			18,300
	P-1104-A	7050	.06			26,200
48''	P-1100	660	.22		400	4,800
	P-1103	870	.15		760	11,400
	P-1102	1500	.11			17,600
	P-1101	1840	.12			14,000
	P-1104	1920	.12			24,500
	P-1101-C3	2360	.12			19,200
	P-1101-C4	4080	.12			25,800
	P-1101-3	4040	.08			17,500
	P-1104-A	6160	.08			25,700

BEAM SPAN OR COLUMN UNSUPPORTED HEIGHT	SECTION NUMBER	UNIFORM LOAD AT 25,000 PSI STRESS	DEFLECTION AT 25,000 PSI STRESS	UNIFORM LOAD @ MAX. DEFLECTION = 1/180 SPAN	UNIFORM LOAD @ MAX. DEFLECTION = 1/360 SPAN	MAX. LOADING OF COLUMN
60''	P-1100	530	.35	500	250	4,000
	P-1103	700	.24	...	475	9,800
	P-1102	1200	.18	...	1090	16,300
	P-1101	1480	.19	...	1240	12,300
	P-1104	1530	.18	...	1370	22,300
	P-1101-C3	1890	.17	...	...	18,300
	P-1101-C4	3270	.19	...	2800	24,800
	P-1101-3	3220	.13	...	...	15,800
	P-1104-A	4940	.13	...	...	24,000
72''	P-1100	440	.50	350	180	3,300
	P-1103	580	.34	...	340	7,800
	P-1102	1000	.26	...	760	14,700
	P-1101	1230	.27	...	860	11,000
	P-1104	1280	.26	...	980	19,500
	P-1101-C3	1580	.26	...	1330	17,300
	P-1101-C4	2720	.27	...	2000	23,500
	P-1101-3	2690	.18	...	...	13,700
	P-1104-A	4110	.19	...	...	22,000
84''	P-1100	380	.68	260	130	2,800
	P-1103	500	.47	...	250	6,000
	P-1102	860	.35	...	570	12,800
	P-1101	1050	.38	...	650	9,800
	P-1104	1090	.35	...	720	16,200
	P-1101-C3	1350	.32	...	970	16,100
	P-1101-C4	2330	.37	...	1470	22,000
	P-1101-3	2310	.25	...	2160	11,200
	P-1104-A	3520	.25	...	3260	19,600
96''	P-1100	330	.88	200	100	2,300
	P-1103	440	.61	380	190	4,500
	P-1102	750	.47	...	440	10,600
	P-1101	920	.49	...	500	7,800
	P-1104	960	.46	...	550	12,800
	P-1101-C3	1180	.42	...	750	14,500
	P-1101-C4	2040	.48	...	1120	20,400
	P-1101-3	2020	.33	...	1650	8,700
	P-1104-A	3040	.32	...	2500	16,900
120''	P-1100	260	1.36	130	65	1,500
	P-1103	350	.95	240	120	2,400
	P-1102	600	.73	560	280	7,000
	P-1101	730	.75	640	320	4,300
	P-1104	770	.73	700	350	7,900
	P-1101-C3	950	.66	...	480	11,000
	P-1101-C4	1630	.75	1440	720	16,300
	P-1101-3	1620	.51	...	1050	5,300
	P-1104-A	2470	.51	...	1600	11,400

ELEMENTS OF SECTION

Part No.	Wt./Ft. Lbs.	Area of Section Sq. In.	Axis 1-1 I In.⁴	Axis 1-1 S In.³	Axis 1-1 r In.	Axis 2-2 I In.⁴	Axis 2-2 S In.³	Axis 2-2 r In.
P-1100	1.40	.406	.144	.160	.595	.177	.218	.659
P-1103-1	2.45	.706	.250	.203	.597	.430	.245	.780
P-1103	2.88	.842	.275	.210	.570	.758	.376	.940
P-1102	4.03	1.173	.630	.360	.750	2.000	1.000	1.300
P-1101	2.80	.812	.720	.440	.940	.354	.436	.659
P-1104	5.76	1.684	.792	.460	.680	1.616	.808	.980
P-1101-D3	4.20	1.218	1.050	.535	.930	1.090	.665	.950
P-1101-C3	4.20	1.218	1.076	.568	.940	1.133	.589	.965
P-1101-C4	5.60	1.624	1.620	.980	1.000	1.620	.980	1.000
P-1101-3	4.20	1.218	2.370	.970	1.400	.531	.654	.659
P-1104-A	5.76	1.684	3.60	1.480	1.460	1.100	1.060	.800

I — Moment of Inertia S — Section Modulus r — Radius of Gyration

Strength of P-1010 Nuts used in P-1100

Resistance to Slip — 1000 Lbs. per bolt
Pull Out Strength — 1400 Lbs. per bolt
Safety Factor of 3

1c/6 engineering data - P-2000 channel & combinations

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

BEAM LOADS:

Allowable uniformly distributed loads are listed for various simple spans, that is, beam on two supports. If load is concentrated at center of span, multiply load from table by 0.5 and corresponding deflection by 0.8.

Stress 25,000 #/sq in. — Recommended for use where deflection is not a factor on long spans.
Deflection 1/180 span — Recommended for use generally to avoid undue deflections.
Deflection 1/360 span — Recommended for use where the amount of deflection is required to be imperceptible.

COLUMN LOADS:

Column loadings are for allowable axial loads for the unsupported heights listed. If loads are eccentric, loads should be reduced according to standard practice.

BEAM AND COLUMN DATA:

BEAM SPAN OR COLUMN UNSUPPORTED HEIGHT	SECTION NUMBER	UNIFORM LOAD AT 25,000 PSI STRESS	DEFLECTION AT 25,000 PSI STRESS	UNIFORM LOAD @ MAX. DEFLECTION = 1/180 SPAN	UNIFORM LOAD @ MAX. DEFLECTION = 1/360 SPAN	MAX. LOADING OF COLUMN
18''	P-2000	1500	.03			5,750
	P-2003	1960	.02			12,300
	P-2001					12,700
	P-2004					24,900
	P-2001-C3					15,700
	P-2001-C4					20,900
24''	P-2000	1130	.06			5,500
	P-2003	1480	.04			12,000
	P-2001	3000	.03			12,500
	P-2004	3320	.03			24,600
	P-2001-C3					15,500
	P-2001-C4					20,700
30''	P-2000	900	.09		820	5,100
	P-2003	1180	.06			11,600
	P-2001	2400	.05			12,100
	P-2004	2660	.05			24,000
	P-2001-C3	3040	.04			15,400
	P-2001-C4					20,500
36''	P-2000	750	.13		570	4,800
	P-2003	980	.08			11,200
	P-2001	2000	.07			11,700
	P-2004	2210	.07			23,300
	P-2001-C3	2550	.06			15,200
	P-2001-C4	3720	.06			20,300
42''	P-2000	650	.18		420	4,100
	P-2003	840	.12			10,600
	P-2001	1730	.09			11,000
	P-2004	1910	.09			22,600
	P-2001-C3	2170	.08			14,900
	P-2001-C4	3190	.09			20,000
48''	P-2000	570	.24		320	3,700
	P-2003	740	.15		650	10,000
	P-2001	1500	.12			10,500
	P-2004	1670	.12			21,700
	P-2001-C3	1900	.11			14,700
	P-2001-C4	2790	.11			19,600
60''	P-2000	450	.37	420	210	3,000
	P-2003	590	.23		420	8,500
	P-2001	1210	.19		1060	9,000
	P-2004	1330	.18		1220	19,700
	P-2001-C3	1520	.17			14,000
	P-2001-C4	2240	.18		2120	18,800

P-2000 channel & combinations - engineering data .1c/7

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

BEAM SPAN OR COLUMN UNSUPPORTED HEIGHT	SECTION NUMBER	UNIFORM LOAD AT 25,000 PSI STRESS	DEFLECTION AT 25,000 PSI STRESS	UNIFORM LOAD @ MAX. DEFLECTION = 1/180 SPAN	UNIFORM LOAD @ MAX. DEFLECTION = 1/360 SPAN	MAX. LOADING OF COLUMN
72''	P-2000	380	.54	280	140	2,400
	P-2003	490	.34		290	6,600
	P-2001	1000	.27		730	7,800
	P-2004	1110	.26		850	17,200
	P-2001-C3	1270	.24		1070	13,200
	P-2001-C4	1860	.25		1460	17,800
84''	P-2000	320	.71	210	110	2,000
	P-2003	420	.46		220	5,100
	P-2001	870	.37		550	6,900
	P-2004	950	.35		630	14,400
	P-2001-C3	1090	.32		790	12,400
	P-2001-C4	1600	.35		1080	16,600
96''	P-2000	280	.93	160	80	1,500
	P-2003	370	.60	330	160	3,800
	P-2001	760	.49		410	5,000
	P-2004	830	.46		480	11,400
	P-2001-C3	950	.42		600	11,300
	P-2001-C4	1400	.46		820	15,200
120''	P-2000	220	1.43	100	50	800
	P-2003	300	.96	210	110	2,100
	P-2001	600	.76	530	260	2,400
	P-2004	670	.72	620	310	7,000
	P-2001-C3	760	.66		380	8,700
	P-2001-C4	1120	.71	1060	530	11,800

ELEMENTS OF SECTION

Part No.	Wt./Ft. Lbs.	Area of Section Sq. In.	Axis 1-1 I In.⁴	Axis 1-1 S In.³	Axis 1-1 r In.	Axis 2-2 I In.⁴	Axis 2-2 S In.³	Axis 2-2 r In.
P-2000	1.15	.310	.115	.136	.610	.133	.164	.652
P-2003-1	2.19	.610	.220	.174	.601	.382	.225	.792
P-2003	2.63	.746	.236	.177	.560	.714	.357	.978
P-2001	2.30	.620	.593	.365	.970	.266	.327	.655
P-2004	5.26	1.492	.693	.400	.680	1.431	.824	.976
P-2001-C3	3.45	.930	.863	.456	.960	.853	.448	.960
P-2001-C4	4.60	1.240	1.186	.670	.970	1.186	.670	.970

I — Moment of Inertia S — Section Modulus r — Radius of Gyration

Strength of P-1010 Nuts used in P-2000

Resistance to Slip — 1000 Lbs. per bolt
Pull Out Strength — 1000 Lbs. per bolt
Safety Factor of 3

1c/8 engineering data - P-3000 channel & combinations

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

BEAM LOADS:

Allowable uniformly distributed loads are listed for various simple spans, that is, beam on two supports. If load is concentrated at center of span, multiply load from table by 0.5 and corresponding deflection by 0.8.

Stress 25,000 #/sq. in. — Recommended for use where deflection is not a factor on long spans.
Deflection 1/180 span — Recommended for use generally to avoid undue deflections.
Deflection 1/360 span — Recommended for use where the amount of deflection is required to be imperceptible.

COLUMN LOADS:

Column loadings are for allowable axial loads for the unsupported heights listed. If loads are eccentric, loads should be reduced according to standard practice.

BEAM AND COLUMN DATA:

BEAM SPAN OR COLUMN UNSUPPORTED HEIGHT	SECTION NUMBER	UNIFORM LOAD AT 25,000 PSI STRESS	DEFLECTION AT 25,000 PSI STRESS	UNIFORM LOAD @ MAX. DEFLECTION = 1/180 SPAN	UNIFORM LOAD @ MAX. DEFLECTION = 1/360 SPAN	MAX. LOADING OF COLUMN
18''	P-3000	1930	.04			8,700
	P-3001	5330	.02			20,000
24''	P-3000	1445	.07			8,500
	P-3001	4000	.04			19,500
30''	P-3000	1155	.10		945	7,900
	P-3001	3195	.06			19,100
36''	P-3000	960	.15		660	7,600
	P-3001	2660	.08			18,700
42''	P-3000	820	.20		480	6,800
	P-3001	2275	.11			18,300
48''	P-3000	725	.26		375	5,900
	P-3001	1990	.15		1840	17,800
60''	P-3000	570	.40	470	235	5,100
	P-3001	1585	.23		1175	16,100
72''	P-3000	470	.57	330	165	4,400
	P-3001	1315	.32		815	14,400
84''	P-3000	400	.77	240	120	3,800
	P-3001	1120	.55		600	13,200
96''	P-3000	345	1.00	180	90	3,400
	P-3001	975	.57	910	455	11,500
120''	P-3000	270	1.51	120	60	2,500
	P-3001	770	.87	580	290	6,800

ELEMENTS OF SECTION

Part No.	Wt./Ft. Lbs.	Area of Section Sq. In.	Axis 1-1 I In.⁴	Axis 1-1 S In.³	Axis 1-1 r In.	Axis 2-2 I In.⁴	Axis 2-2 S In.³	Axis 2-2 r In.
P-3000	1.80	.535	.134	.174	.500	.220	.270	.640
P-3001	3.60	1.070	.660	.480	.795	.440	.348	.640

I — Mament of Inertia S — Section Modulus r — Radius of Gyration

Strength of P-1010 Nuts used in P-3000

Resistonce to Slip — 1500 Lbs. per bolt
Pull Out Strength — 2000 Lbs. per bolt
Safety Factor of 3

P-4000 channel & combinations - engineering data 1c/9

Manufactured by UNISTRUT CORPORATION · Wayne, Michigan

BEAM LOADS:

Allowable uniformly distributed loads are listed for various simple spans, that is, beam on two supports. If load is concentrated at center of span, multiply load from table by 0.5 and corresponding deflection by 0.8.

Stress 25,000 #/sq. in. — Recommended for use where deflection is not a factor on long spans.
Deflection 1/180 span — Recommended for use generally to avoid undue deflections.
Deflection 1/360 span — Recommended for use where the amount of deflection is required to be imperceptible.

COLUMN LOADS:

Column loadings are for allowable axial loads for the unsupported heights listed. If loads are eccentric, loads should be reduced according to standard practice.

BEAM AND COLUMN DATA:

BEAM SPAN OR COLUMN UNSUPPORTED HEIGHT	SECTION NUMBER	UNIFORM LOAD AT 25,000 PSI STRESS	DEFLECTION AT 25,000 PSI STRESS	UNIFORM LOAD @ MAX. DEFLECTION = 1/180 SPAN	UNIFORM LOAD @ MAX. DEFLECTION = 1/360 SPAN	MAX. LOADING OF COLUMN
18''	P-4000	610	.06	.....	440	4,900
	P-4001	1480	.04	.....	.....	8,400
	P-4003	3680	.02	.....	.....	11,900
	P-4004	5900	.02	.....	.....	16,800
24''	P-4000	460	.11	.....	240	4,600
	P-4001	1110	.06	.....	.....	8,200
	P-4003	2760	.05	.....	.....	11,800
	P-4004	4430	.03	.....	.....	16,400
30''	P-4000	370	.18	310	150	4,000
	P-4001	880	.10	.....	760	8,100
	P-4003	2220	.06	.....	.....	11,500
	P-4004	3530	.05	.....	.....	16,000
36''	P-4000	310	.26	220	110	3,400
	P-4001	730	.14	.....	530	7,900
	P-4003	1840	.09	.....	.....	11,200
	P-4004	2940	.07	.....	.....	15,600
42''	P-4000	260	.35	170	90	3,000
	P-4001	630	.19	.....	390	7,600
	P-4003	1580	.12	.....	1480	11,000
	P-4004	2530	.09	.....	.....	15,000
48''	P-4000	240	.47	140	70	2,800
	P-4001	560	.25	.....	300	7,100
	P-4003	1380	.16	.....	1140	10,600
	P-4004	2210	.12	.....	.....	14,200
60''	P-4000	180	.69	80	40	2,100
	P-4001	440	.39	380	190	6,000
	P-4003	1110	.26	.....	730	10,000
	P-4004	1770	.19	.....	1530	13,000
72''	P-4000	150	1.00	60	30	.....
	P-4001	370	.57	260	130	5,100
	P-4003	930	.37	.....	510	9,000
	P-4004	1470	.28	.....	1060	11,000
84''	P-4000	.....	.....	.....	.....	.....
	P-4001	.....	.....	.....	.....	4,200
	P-4003	790	.50	740	370	8,000
	P-4004	1260	.38	.....	780	9,600
96''	P-4000	.....	.....	.....	.....	.....
	P-4001	.....	.....	.....	.....	3,800
	P-4003	690	.65	560	280	7,000
	P-4004	1100	.49	.....	600	8,000
120''	P-4000	.....	.....	.....	.....	.....
	P-4001	.....	.....	.....	.....	2,000
	P-4003	550	1.01	360	180	6,000
	P-4004	880	.77	780	390	6,500

1c/10 engineering data - P-4000 channel & combinations

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

ELEMENTS OF SECTION

Part No.	Wt./Ft. Lbs.	Area of Section Sq. In.	Axis 1-1 I In.⁴	Axis 1-1 S In.³	Axis 1-1 r In.	Axis 2-2 I In.⁴	Axis 2-2 S In.³	Axis 2-2 r In.
P-4000	.850	.230	.022	.050	.310	.085	.105	.610
P-4002-2	1.86	.530	.030	.043	.247	.490	.300	.96
P-4002-1	2.30	.666	.037	.052	.235	.665	.332	1.00
P-4003	2.500	.690	.408	.332	.770	.193	.238	.530
P-4001	1.700	.460	.108	133	.485	.170	.210	.610
P-4004	3.400	.920	.860	530	.968	.278	.342	.550

I — Mament of Inertia S — Section Modulus r — Radius of Gyration

Strength of P-4010 Nuts used in P-4000

Resistance to Slip — 1000 Lbs. per bolt
Pull Out Strength — 1000 Lbs. per bolt
Safety Factor of 3

P-5500 channel & combinations - engineering data 1c/11

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

BEAM LOADS:

Allowable uniformly distributed loads are listed for various simple spans, that is, beam on two supports. If load is concentrated at center of span, multiply load from table by 0.5 and corresponding deflection by 0.8.

Stress 25,000 #/sq. in. — Recommended for use where deflection is not a factor on long spans.
Deflection 1/180 span — Recommended for use generally to avoid undue deflections.
Deflection 1/360 span — Recommended for use where the amount of deflection is required to be imperceptible.

COLUMN LOADS:

Column loadings are for allowable axial loads for the unsupported heights listed. If loads are eccentric, loads should be reduced according to standard practice.

BEAM AND COLUMN DATA:

BEAM SPAN OR COLUMN UNSUPPORTED HEIGHT	SECTION NUMBER	UNIFORM LOAD AT 25,000 PSI STRESS	DEFLECTION AT 25,000 PSI STRESS	UNIFORM LOAD @ MAX. DEFLECTION = 1/180 SPAN	UNIFORM LOAD @ MAX. DEFLECTION = 1/360 SPAN	MAX. LOADING OF COLUMN
18''	P-5500	4700	.02			12,000
	P-5501					25,200
24''	P-5500	3530	.04			11,500
	P-5501					24,800
30''	P-5500	2830	.06			11,000
	P-5501	8150	.03			24,200
36''	P-5500	2360	.09			10,500
	P-5501	6800	.05			23,600
42''	P-5500	2020	.12			9,000
	P-5501	5840	.06			22,800
48''	P-5500	1760	.15		1570	8,000
	P-5501	5100	.08			22,000
60''	P-5500	1400	.24		1000	6,700
	P-5501	4090	.13			20,500
72''	P-5500	1170	.34		690	5,600
	P-5501	3400	.18			18,200
84''	P-5500	990	.46		510	4,800
	P-5501	2920	.25		2710	16,500
96''	P-5500	860	.60	780	390	4,200
	P-5501	2550	.33		2040	14,200
120''	P-5500	680	.94	500	250	3,000
	P-5501	2040	.51		1330	8,200

ELEMENTS OF SECTION

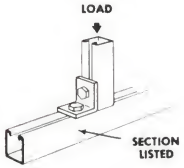
Part No.	Wt./Ft. Lbs.	Area of Section Sq. In.	Axis 1-1 I $In.^4$	Axis 1-1 S $In.^3$	Axis 1-1 r In.	Axis 2-2 I $In.^4$	Axis 2-2 S $In.^3$	Axis 2-2 r In.
P-5500	2.60	.756	.563	.424	.863	.348	.428	.680
P-5501	5.20	1.512	2.986	1.225	1.220	.696	.856	.680

I — Moment of Inertia S — Section Modulus r — Radius of Gyration

Strength of P-5510 Nuts used in P-5500

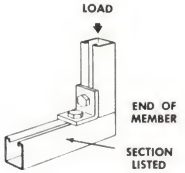
Resistance to Slip — 1500 Lbs. per bolt
Pull Out Strength — 2000 Lbs. per bolt
Safety Factor of 3

Load data for 'UNISTRUT' sections subject to crushing loads.



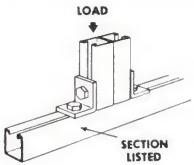
SECTION	RECOMMENDED LOAD IN LBS.*
P-1000	5000
P-1100	3500
P-2000	2000
P-3000	5000
P-4000	2200
P-5500	5000

*Safety factor – 2½



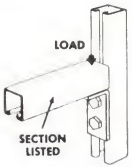
SECTION	RECOMMENDED LOAD IN LBS.*
P-1000	3500
P-1100	2500
P-2000	1500
P-3000	3500
P-4000	1700
P-5500	3500

*Safety factor – 2½



SECTION	RECOMMENDED LOAD IN LBS.*
P-1000	8000
P-1100	5500
P-2000	3000
P-3000	8000
P-4000	3500
P-5500	8000

*Safety factor – 2½



SECTION	RECOMMENDED LOAD IN LBS.*
P-1000	2500
P-1100	2000
P-2000	1000
P-3000	2500
P-4000	1000
P-5500	2500

*Safety factor – 2½

1 5/8 channel width series

"UNISTRUT" NUTS AND BOLTS

MATERIAL
UNISTRUT spring nuts are manufactured from mild steel bars, and after all machining operations are completed, they are thoroughly cyanide hardened. Hardening assures positive biting action into the inturned edge of the UNISTRUT. Similar nuts without springs are also available.

UNISTRUT stud nuts are manufactured by welding studs to UNISTRUT nuts.

THREADS
All threads on the nuts and bolts are Unified and American screw threads.

FINISHES
Nuts and bolts are available in plain or electro-galvanized finish.

UNISTRUT Corporation

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"unistrut" nuts

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

WITH SPRING	SIZE	THREAD	Wt. Lbs./C
P-1006-0832	#8	32	8
P-1006-1024	#10	24	8
P-1006-1420	¼"	20	8
P-1007	7/16"	18	9
P-1008	3/8"	16	10
P-1009	9/16"	14	11
P-1010	½"	13	12
P-1012S	⅝"	11	21
P-1023S	¾"	10	21

WITHOUT SPRING	SIZE	THREAD	Wt. Lbs./C
P-3016-0632	#6	32	2
P-3016-0832	#8	32	2
P-3016-1024	#10	24	4
P-3016-1420	¼"	20	4
P-3006-0832	#8	32	7
P-3006-1024	#10	24	7
P-3006-1420	¼"	20	7
P-3007	7/16"	18	8
P-3008	3/8"	16	9
P-3009	9/16"	14	11
P-3010	½"	13	11
P-3012	⅝"	11	20
P-1023	¾"	10	20

"UNISTRUT" NUTS for P-1000, P-1100, P-2000, and P-3000 channels

WITH SPRING	SIZE	THREAD	Wt. Lbs./C
P-4006-0832	#8	32	8
P-4006-1024	#10	24	8
P-4006-1420	¼"	20	8
P-4007	7/16"	18	9
P-4008	3/8"	16	10
P-4009	9/16"	14	11
P-4010	½"	13	12
P-4012S	⅝"	11	11
P-4023S	¾"	10	11

WITHOUT SPRING	SIZE	THREAD	Wt. Lbs./C
P-3016-0632	#6	32	2
P-3016-0832	#8	32	2
P-3016-1024	#10	24	4
P-3016-1420	¼"	20	4
P-3006-0832	#8	32	7
P-3006-1024	#10	24	7
P-3006-1420	¼"	20	7
P-3007	7/16"	18	8
P-3008	3/8"	16	9
P-3009	9/16"	14	9
P-3013	½"	13	9
P-4012	⅝"	11	10
P-4023	¾"	10	10

"UNISTRUT" NUTS for P-4000 channel

"unistrut" nuts

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

WITH SPRING	SIZE	THREAD	Wt. Lbs./C
P-5506-0832	#8	32	9
P-5506-1024	#10	24	9
P-5506-1420	¼"	20	9
P-5507	⅜"	18	10
P-5508	⅜"	16	10
P-5509	⅜"	14	12
P-5510	½"	13	14

WITHOUT SPRING	SIZE	THREAD	Wt. Lbs./C
P-3016-0632	#6	32	2
P-3016-0832	#8	32	2
P-3016-1024	#10	24	4
P-3016-1420	¼"	20	4
P-3006-0832	#8	32	7
P-3006-1024	#10	24	7
P-3006-1420	¼"	20	7
P-3007	⅜"	18	8
P-3008	⅜"	16	9
P-3009	⅜"	14	11
P-3010	½"	13	11
P-1012	⅜"	11	20
P-1023	¾"	10	20

"UNISTRUT" NUTS for P-5500 channel

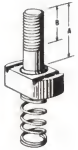
"unistrut" stud nuts

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

	"A" STUD LGTH	"B" THD LGTH	Wt. Lbs./C
¼" - 20 STUD NUTS			
P-2378-1	⅜"	¾"	8
P-2378-2	1"	¾"	9
P-2378-3	1¼"	1"	9
P-2378-4	1½"	1¼"	9
P-2378-5	1¾"	1¼"	10
P-2378-6	2"	1¼"	10
⅜" - 18 STUD NUTS			
P-2379-1	¾"	¾"	12
P-2379-2	1"	1"	12
P-2379-3	1¼"	1¼"	13
P-2379-4	1½"	1¼"	13
P-2379-5	1¾"	1¼"	14
P-2379-6	2"	1¼"	14
⅜" - 16 STUD NUTS			
P-2380-1	¾"	¾"	13
P-2380-2	1"	1"	13
P-2380-3	1¼"	1"	14
P-2380-4	1½"	1¼"	15
P-2380-5	1¾"	1¼"	16
P-2380-6	2"	1¼"	16
P-2380-7	2¼"	1¼"	17
P-2380-8	2½"	1¼"	18

	"A" STUD LGTH	"B" THD LGTH	Wt. Lbs./C
½" - 13 STUD NUTS			
P-2381-1	¾"	¾"	12
P-2381-2	⅞"	¾"	14
P-2381-3	1⅛"	1"	15
P-2381-4	1⅜"	1½"	17
P-2381-5	1⅝"	1½"	18
P-2381-6	1⅞"	1½"	19
P-2381-7	2"	1½"	20
P-2381-8	2⅛"	1½"	22
P-2381-9	2⅜"	1½"	23
P-2381-10	2⅝"	1½"	24
P-2381-11	3"	1½"	26
P-2381-12	3⅜"	1½"	27
⅝" - 11 STUD NUTS			
P-2382-1	¾"	¾"	16
P-2382-2	1"	¾"	18
P-2382-3	1¼"	1"	20
P-2382-4	1½"	1¼"	22
P-2382-5	1¾"	1½"	25
P-2382-6	2"	1½"	27

Special stud lengths can be supplied upon request.



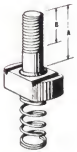
NOTE:

GROOVES SERRATED

P-2378-1 thru P-2382-6

"unistrut" stud nuts

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan



NOTE:

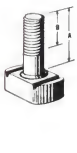
GROOVES NOT SERRATED

	"A" STUD LGTH	"B" THD LGTH	Wt. Lbs./C
¼" - 20 STUD NUTS			
P-2383-1	¾"	⅜"	8
P-2383-2	1"	⅜"	9
P-2383-3	1⅛"	1"	9
P-2383-4	1⅜"	1⅛"	9
P-2383-5	1¾"	1⅛"	10
P-2383-6	2"	1⅛"	10
⅜" - 18 STUD NUTS			
P-2384-1	¾"	⅜"	12
P-2384-2	1"	1"	12
P-2384-3	1¼"	1⅛"	13
P-2384-4	1½"	1⅛"	13
P-2384-5	1¾"	1⅛"	14
P-2384-6	2"	1⅛"	14
⅜" - 16 STUD NUTS			
P-2385-1	¾"	⅜"	13
P-2385-2	1"	1"	13
P-2385-3	1¼"	1"	14
P-2385-4	1½"	1⅛"	15
P-2385-5	1¾"	1⅛"	16
P-2385-6	2"	1⅛"	16
P-2385-7	2¼"	1⅛"	17
P-2385-8	2½"	1⅛"	18

	"A" STUD LGTH	"B" THD LGTH	Wt. Lbs./C
½" - 13 STUD NUTS			
P-2386-1	¾"	⅝"	12
P-2386-2	⅞"	¾"	14
P-2386-3	1⅛"	1"	15
P-2386-4	1⅜"	1¼"	17
P-2386-5	1⅝"	1¼"	18
P-2386-6	1⅞"	1¼"	19
P-2386-7	2"	1¼"	20
P-2386-8	2⅛"	1½"	22
P-2386-9	2⅜"	1½"	23
P-2386-10	2⅝"	1½"	24
P-2386-11	3"	1½"	26
P-2386-12	3½"	1½"	27
⅝" - 11 STUD NUTS			
P-2387-1	¾"	¾"	16
P-2387-2	1"	¾"	18
P-2387-3	1¼"	1"	20
P-2387-4	1½"	1¼"	22
P-2387-5	1¾"	1½"	25
P-2387-6	2"	1½"	27

Special stud lengths can be supplied upon request.

P-2383-1 thru P-2387-6



NOTE:

GROOVES NOT SERRATED

	"A" STUD LGTH	"B" THD LGTH	Wt. Lbs./C
¼" - 20 STUD NUTS			
P-2388-1	¾"	⅜"	8
P-2388-2	1"	⅜"	9
P-2388-3	1⅛"	1"	9
P-2388-4	1⅜"	1⅛"	9
P-2388-5	1¾"	1⅛"	10
P-2388-6	2"	1⅛"	10
⅜" - 18 STUD NUTS			
P-2389-1	¾"	⅜"	12
P-2389-2	1"	1"	12
P-2389-3	1¼"	1⅛"	13
P-2389-4	1½"	1⅛"	13
P-2389-5	1¾"	1⅛"	14
P-2389-6	2"	1⅛"	14
⅜" - 16 STUD NUTS			
P-2390-1	¾"	⅜"	13
P-2390-2	1"	1"	13
P-2390-3	1¼"	1"	14
P-2390-4	1½"	1⅛"	15
P-2390-5	1¾"	1⅛"	16
P-2390-6	2"	1⅛"	16
P-2390-7	2¼"	1⅛"	17
P-2390-8	2½"	1⅛"	18

	"A" STUD LGTH	"B" THD LGTH	Wt. Lbs./C
½" - 13 STUD NUTS			
P-2391-1	⅞"	⅝"	12
P-2391-2	⅞"	¾"	13
P-2391-3	1¼"	1"	15
P-2391-4	1½"	1¼"	16
P-2391-5	1⅝"	1¼"	17
P-2391-6	1⅞"	1¼"	19
P-2391-7	2"	1¼"	19
P-2391-8	2⅛"	1½"	21
P-2391-9	2½"	1½"	22
P-2391-10	2¾"	1½"	24
P-2391-11	3"	1½"	25
P-2391-12	3¼"	1½"	26
⅝" - 11 STUD NUTS			
P-2392-1	½"	¾"	15
P-2392-2	1"	¾"	17
P-2392-3	1¼"	1"	20
P-2392-4	1½"	1¼"	22
P-2392-5	1¾"	1½"	24
P-2392-6	2"	1½"	26

Special stud lengths can be supplied upon request.

P-2388-1 thru P-2392-6

standard screws, nuts and washers

UNISTRUT CORPORATION • Wayne, Michigan

FLAT HEAD MACH. SCREWS

SIZES	Wt. Lbs./C
¼" x ⅜"	1.2
⅜" x 1"	2.6
⅜" x 2"	6.5
⅜" x 2½"	7.1
⅜" x 2½"	7.7
½" x 1"	9.3
½" x 1¼"	1.0
½" x 2½"	1.7

HEX HEAD CAP SCREWS

SIZES	Wt. Lbs./C	SIZES	Wt. Lbs./C
¼" x ⅜"	1.0	⅜" x 2¼"	8.4
¼" x ½"	1.3	½" x ⅜"	9.1
¾" x ⅜"	4.0	½" x 1⅜"	10.2
⅜" x ⅜"	4.4	½" x 1½"	11.6
⅜" x 1"	4.5	½" x 1¾"	13.1
⅜" x 1¼"	5.3	½" x 2"	14.6
⅜" x 1½"	6.0	½" x 2¼"	16.0
⅜" x 2"	7.6	½" x 2½"	17.5

ROUND HEAD MACH. SCREWS

SIZES	Wt. Lbs./C
¼" x ¾"	1.2
¼" x 1"	1.5
⅜" x 1"	2.6
⅜" x 1¼"	3.0
⅜" x 1"	4.1
⅜" x 1¼"	4.7
⅜" x 1½"	5.3
⅜" x 2½"	7.7

SQUARE HEAD SET SCREWS

SIZES	Wt. Lbs./C
¼" x 1½"	3.9
⅜" x 1½"	4.5
⅜" x 2"	6.1
½" x 1½"	8.5
½" x 2"	11.4
⅝" x 1½"	14.5
¾" x 1½"	23.5

PHILLIPS ROUND HEAD SELF TAPPING SCREWS

SIZES	Wt. Lbs./C
#8-32 x ⅜"	0.4

PHILLIPS FLAT HEAD MACH. SCREWS

SIZES	Wt. Lbs./C
¾" x ¾"	1.8
⅜" x 1¼"	3.0
⅜" x 1½"	3.5

SQUARE NUTS

SIZES	Wt. Lbs./C	SIZES	Wt. Lbs./C
¼"	0.9	½"	5.8
⅜"	1.6	⅝"	10.7
⅜"	2.7		

HEXAGON NUTS

SIZES	Wt. Lbs./C	SIZES	Wt. Lbs./C
¼"	0.6	⅜"	1.6
⅜"	1.2	½"	4.8

FLAT WASHERS

SIZES	Wt. Lbs./C	SIZES	Wt. Lbs./C
¼"	0.7	¾"	1.5
⅜"	1.0	½"	3.5

LOCK WASHERS

SIZES	Wt. Lbs./C
½"	3.5

1 5/8 channel width series

"UNISTRUT" FITTINGS

MATERIAL
Unless otherwise noted, all UNISTRUT fittings are punch press formed from hot rolled pickled and oiled plate or strip steel.

STANDARD DIMENSIONS
The following dimensions apply to all fittings except as noted on the part drawings:

Hole size	—	9/16" diameter
Hole spacing	—	13/16" from end of fitting
	—	1 5/8" center to center
Fitting width	—	1 5/8"
Fitting thickness	—	1/4"

FITTING APPLICATION
All parts drawings illustrate only one application of each fitting. In most cases many other applications are possible. The UNISTRUT members shown in the illustrations are P-1000, 1 5/8" square, except where noted otherwise. All 9/16" diameter holes use 1/2" x 3/8" hex head cap screws and 1/2" UNISTRUT nuts — P-1010, P-4010 or P-5510 — depending on the UNISTRUT channel used. Nuts and bolts are not included with the fitting and must be ordered seperately.

DESIGN LOAD DATA
Where applicable, design data with a safety factor of 2½ based on the ultimate strength of the connection is indicated, similar to the following examples.

P-1000	1500 lbs.
P-1100	1000 lbs.
P-2000	1000 lbs.

P-1026

P-1000	1000 lbs.
P-1100	800 lbs.
P-2000	600 lbs.

P-1063

Many load diagrams indicate three different design loads. These loads vary with the thickness of the steel from which UNISTRUT channel is formed. Since the same thickness steel is used for different sizes of UNISTRUT channel the same design load applies for P-3000 and P-5500 as for P-1000 and the loads for P-2000 also apply to P-4000.

FINISHES
All fittings in this section are available in plain, greenamel or hot dipped galvanized finish.

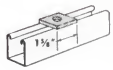
UNISTRUT Corporation

index

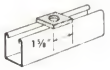
flat plate fittings

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1 7/8" on center
width — 1 5/8"
thickness — 1/4"

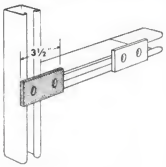


	BOLT SIZE	HOLE SIZE	Wt. Lbs./C
P-1062	5/16"	11/32"	18
P-1063	3/8"	25/64"	18
P-1064	1/2"	9/16"	17
P-1964	5/8"	11/16"	16
P-2471	3/4"	13/16"	15



P-1062 thru P-1064

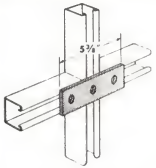
P-1964 & P-2471



P-1000 1000 lbs.
P-1100 800 lbs.
P-2000 600 lbs.

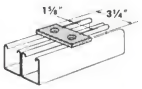
Wt. Lbs./C 38

Wt. Lbs./C 56



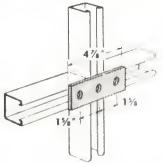
P-1065

P-1066



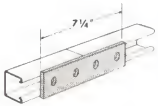
Wt. Lbs./C 35

Wt. Lbs./C 50



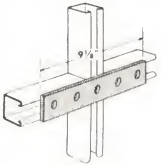
P-1924

P-1925



Wt. Lbs./C 78

Wt. Lbs./C 94



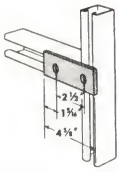
P-1067

P-1941

flat plate fittings

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

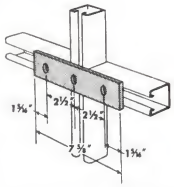
GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1 7/8" on center
width — 1 5/8"
thickness — 1/4"



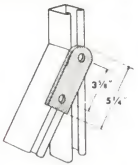
Wt. Lbs./C 50

Wt. Lbs./C 81

P-1619



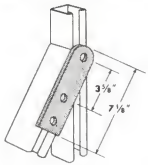
P-1620



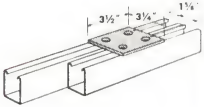
Wt. Lbs./C 55

Wt. Lbs./C 75

P-2325



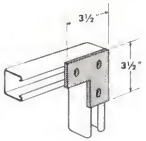
P-2324



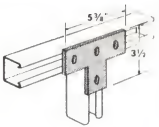
Wt. Lbs./C 73

Wt. Lbs./C 58

P-2079



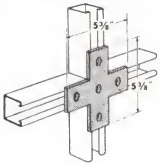
P-1036



Wt. Lbs./C 80

Wt. Lbs./C 105

P-1031

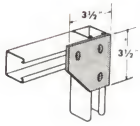


P-1028

flat plate fittings

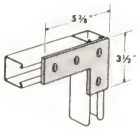
Manufactured by UNISTRUT CORPORATION · Wayne, Michigan

GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1 7/8" on center
width — 1 5/8"
thickness — 1/4"



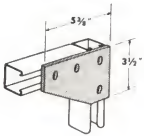
Wt. Lbs./C 70

P-1334



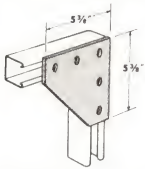
Wt. Lbs./C 80

P-1380A



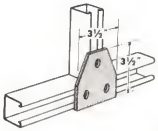
Wt. Lbs./C 105

P-1380



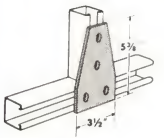
Wt. Lbs./C 150

P-1873



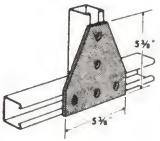
Wt. Lbs./C 70

P-1356



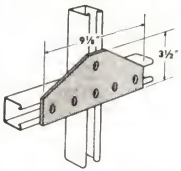
Wt. Lbs./C 105

P-1358



Wt. Lbs./C 148

P-1726



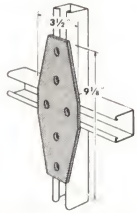
Wt. Lbs./C 176

P-1953

flat plate fittings

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

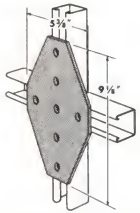
GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1-7/8" on center
width — 1 5/8"
thickness — 1/4"



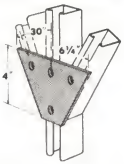
Wt. Lbs./C 167

Wt. Lbs./C 240

P-1992



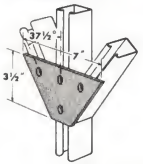
P-1950



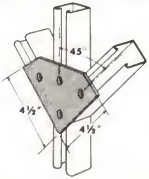
Wt. Lbs./C 108

Wt. Lbs./C 100

P-2218



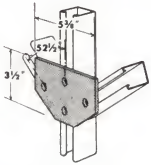
P-2219



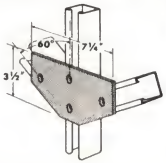
Wt. Lbs./C 110

Wt. Lbs./C 112

P-1962



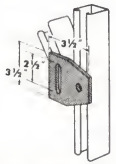
P-2220



Wt. Lbs./C 143

Wt. Lbs./C 66

P-2221

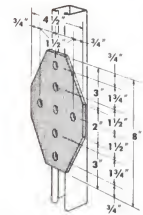


P-1979

3a/6 flat plate fittings

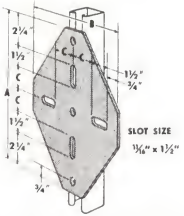
Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1 7/8" on center
width — 1-5/8"
thickness — 1/4"



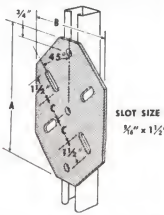
	A	B	C	Wt. Lbs./C
P-1799	10½"	7½"	1½"	364
P-1800	13"	10"	2¾"	578

Wt. Lbs./C 190



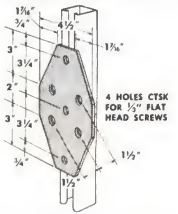
P-1797

P-1799 & P-1800



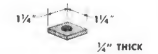
	A	B	C	Wt. Lbs./C
P-1801	9"	6"	1½"	288
P-1802	11"	8"	2¾"	488

Wt. Lbs./C 190



P-1801 & P-1802

P-1798



	TAP SIZE	Wt. Lbs./C
P-1935	¾"-16 Pipe Thd.	9
P-1936	½"-14 Pipe Thd.	9

	U.S. STD. THD. SIZE	Wt. Lbs./C
P-1959	¾"-16	23
P-1960	½"-13	22
P-1961	⅜"-11	21

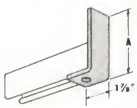
P-1935 & P-1936

P-1959 thru P-1961

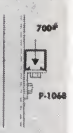
ninety degree angle fittings

Manufactured by UNISTRUT CORPORATION · Wayne, Michigan

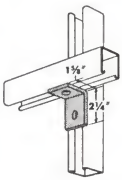
GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1-7/8" on center
width — 1-5/8"
thickness — 1/4"



	A	Wt. Lbs./C
P-1538A	3¾"	61
P-1538B	5¾"	84
P-1538C	7¾"	107
P-1538D	9¾"	130

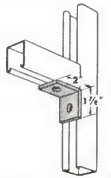


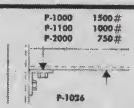
Wt. Lbs./C 38

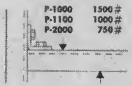


P-1538A thru P-1538D

P-1068

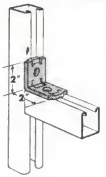






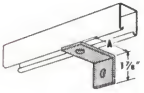
Wt. Lbs./C 38

Wt. Lbs./C 40



P-1026

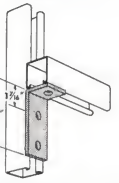
P-2626



	A	Wt. Lbs./C
P-1281	3"	49
P-1282	3½"	54
P-1283	4"	61

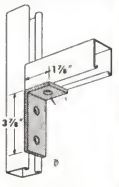
When uprights are alternated as in bar stock rack design a load of 2500# may be used.

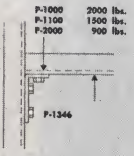
Wt. Lbs./C 58



P-1281 thru P-1283

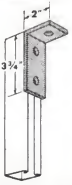
P-1326





Wt. Lbs./C 58

Wt. Lbs./C 58



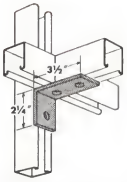
P-1346

P-1069

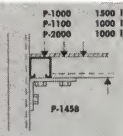
3b/2 ninety degree angle fittings

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1-7/8" on center
width — 1-5/8"
thickness — 1/4"

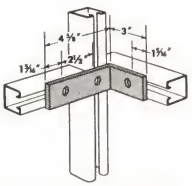


P-1000 1500 lbs.
P-1100 1000 lbs.
P-2000 1000 lbs.

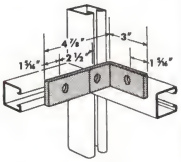


Wt. Lbs./C 58

Wt. Lbs./C 81

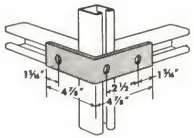


P-1458 **P-1624**

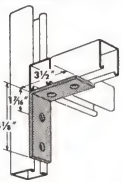


Wt. Lbs./C 82

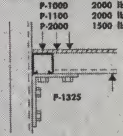
Wt. Lbs./C 99



P-1623 **P-1630**

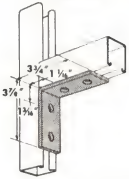


P-1000 2000 lbs.
P-1100 2000 lbs.
P-2000 1500 lbs.

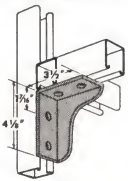


Wt. Lbs./C 78

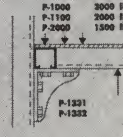
Wt. Lbs./C 78



P-1325 **P-1070**

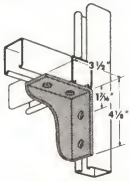


P-1000 3000 lbs.
P-1100 2000 lbs.
P-2000 1500 lbs.



Wt. Lbs./C 120

Wt. Lbs./C 120

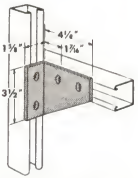


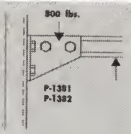
P-1331 **P-1332**

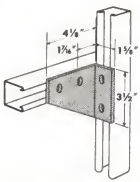
GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1-7/8" on center
width — 1-5/8"
thickness — 1/4"

ninety degree angle fittings

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan





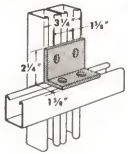


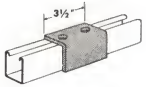
Wt. Lbs./C 105

Wt. Lbs./C 105

P-1381

P-1382



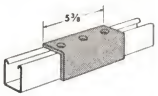


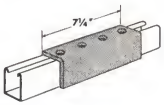
Wt. Lbs./C 75

Wt. Lbs./C 78

P-1934

P-2087



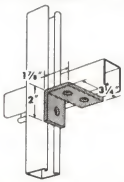


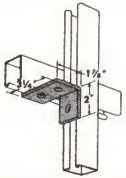
Wt. Lbs./C 123

Wt. Lbs./C 169

P-2088

P-2071





Wt. Lbs./C 55

Wt. Lbs./C 55

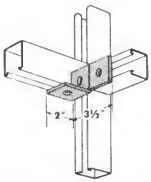
P-1822

P-1823

3b/4 ninety degree angle fittings

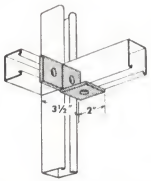
Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1 7/8" on center
width — 1-5/8"
thickness — 1/4"



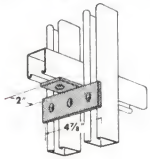
Wt. Lbs./C 58

P-1038



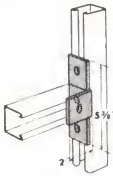
Wt. Lbs./C 58

P-1037



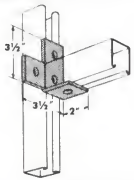
Wt. Lbs./C 71

P-1821



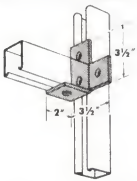
Wt. Lbs./C 80

P-1033



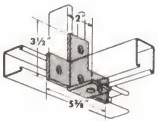
Wt. Lbs./C 80

P-1034



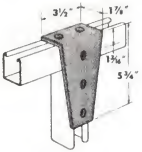
Wt. Lbs./C 80

P-1035



Wt. Lbs./C 105

P-1029



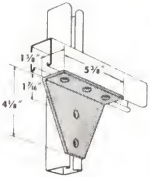
Wt. Lbs./C 136

P-1958

ninety degree angle fittings

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

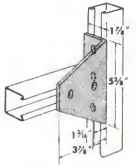
GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1 7/8" on center
width 1 5/8"
thickness — 1/4"



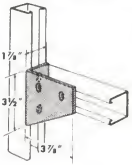
Wt. Lbs./C 154

Wt. Lbs./C 154

P-1728



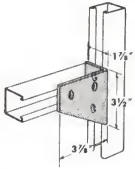
P-1727



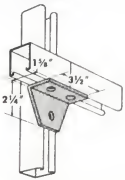
Wt. Lbs./C 101

Wt. Lbs./C 101

P-1291



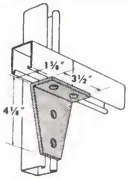
P-1290



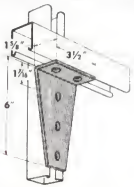
Wt. Lbs./C 70

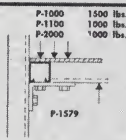
Wt. Lbs./C 105

P-1357



P-1359

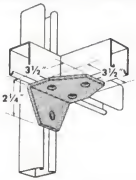




Wt. Lbs./C 136

Wt. Lbs./C 103

P-1945

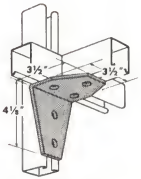


P-1579

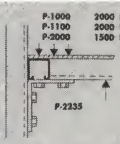
ninety degree angle fittings

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1-7/8" on center
width — 1-5/8"
thickness — 1/4"

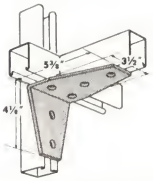


P-2235

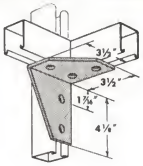


Wt. Lbs./C 135

Wt. Lbs./C 167



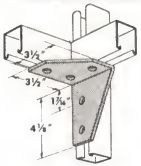
P-1993



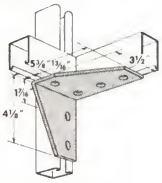
P-1917

Wt. Lbs./C 135

Wt. Lbs./C 135



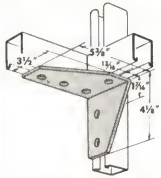
P-1918



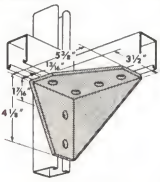
P-1955

Wt. Lbs./C 170

Wt. Lbs./C 170



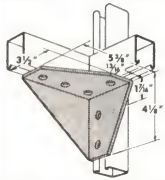
P-1954



P-1957

Wt. Lbs./C 230

Wt. Lbs./C 230

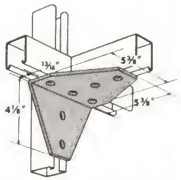


P-1956

ninety degree angle fittings

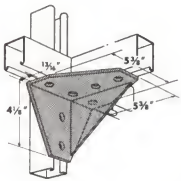
Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1-7/8" on center
width — 1-5/8"
thickness — 1/4"



Wt. Lbs./C 240

P-1951

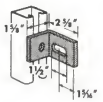


Wt. Lbs./C 289

P-1952

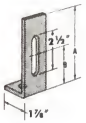
Wt. Lbs./C 43

P-1749



Wt. Lbs./C 38

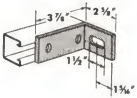
P-1750



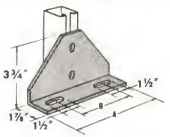
	A	B	Wt. Lbs./C
P-1498	4⅞"	2½"	65
P-1499	6⅞"	4½"	85

Wt. Lbs./C 66

P-1498 & P-1499



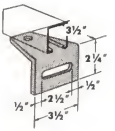
P-1747



	A	B	Wt. Lbs./C
P-1130	6⅛"	4"	190
P-1131	8⅛"	6"	242

Wt. Lbs./C 97

P-1130 & P-1131

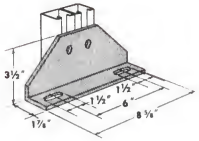


P-1713

ninety degree angle fittings

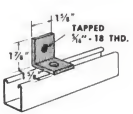
Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1-7/8" on center
width — 1 5/8"
thickness — 1/4"



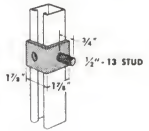
Wt. Lbs./C 245

P-1355



Wt. Lbs./C 34

P-1723



Wt. Lbs./C 45

P-1315

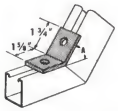
angular fittings

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA
hole size — 9/16" diameter
die spacing — 13/16" from end
17/8" on center
width — 1 5/8"
thickness — 1/4"

	A
P-2121	82½°
P-2122	75°
P-2123	67½°
P-2124	60°
P-2125	52½°
P-2126	45°
P-2127	37½°
P-2128	30°
P-2129	22½°
P-2130	15°
P-2131	7½°

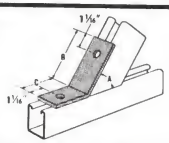
Wt. Lbs./C 38



P-2121 thru P-2131

	A	B	C
P-2094	82½°	3¾"	1 7/16"
P-2095	75°	3¾"	1 7/16"
P-2096	67½°	3½"	1¾"
P-2097	60°	3¾"	1¾"
P-2098	52½°	3¼"	2⅛"
P-1546	45°	3"	2¾"
P-2099	37½°	3½"	1 7/16"
P-2100	37½°	2¾"	2⅛"

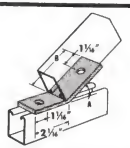
Wt. Lbs./C 58



P-2094 thru P-2100

	A	B
P-2101	30°	3¼"
P-2102	22½°	3⅜"
P-2103	15°	3⅜"
P-2104	7½°	3⅜"

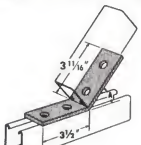
Wt. Lbs./C 58



P-2101 thru P-2104

	A
P-2260	7½°
P-2261	15°
P-2262	22½°
P-2263	30°
P-2264	37½°
P-2265	45°
P-2266	52½°
P-2267	60°
P-2268	67½°
P-2269	75°
P-2270	82½°

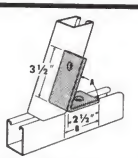
Wt. Lbs./C 78



P-2260 thru P-2270

	A	B
P-2105	82½°	2¾"
P-2106	75°	2¾"
P-2107	67½°	2¾"
P-2108	60°	2 25/32"
P-2109	52½°	2 25/32"
P-1186	45°	3¼"
P-2110	37½°	3¾"

Wt. Lbs./C 58

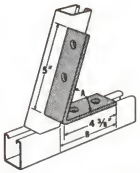


P-2105 thru P-2110

3c/2 angular fittings

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

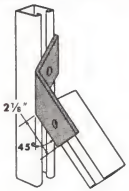
GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1-7/8" on center
width — 1-5/8"
thickness — 1/4"



	A	B
P-2271	82½°	4⅜"
P-2272	75°	4½"
P-2273	67½°	4⅝"
P-2274	60°	4¾"
P-2275	52½°	4⅞"
P-2276	45°	4¹⁵⁄₁₆"
P-2277	37½°	5⅛"

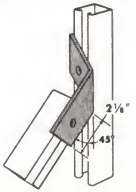
Wt. Lbs./C 100

P-2271 thru P-2277

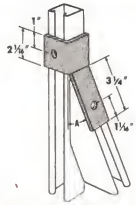


Wt. Lbs./C 54

P-1191



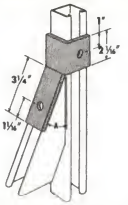
P-1192



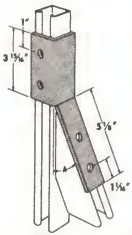
	A		A
P-2281L	22½°	P-2281R	22½°
P-2282L	30°	P-2282R	30°
P-2283L	37½°	P-2283R	37½°
P-2284L	45°	P-2284R	45°
P-2285L	52½°	P-2285R	52½°
P-2286L	60°	P-2286R	60°

Wt. Lbs./C 88

P-2281L thru P-2286L

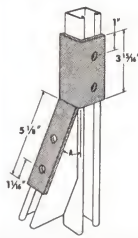


P-2281R thru P-2286R



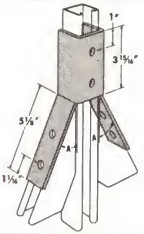
	A		A
P-2287L	22½°	P-2287R	22½°
P-2288L	30°	P-2288R	30°
P-2289L	37½°	P-2289R	37½°
P-2290L	45°	P-2290R	45°
P-2291L	52½°	P-2291R	52½°
P-2292L	60°	P-2292R	60°

Wt. Lbs./C 150



P-2287L thru P-2292L

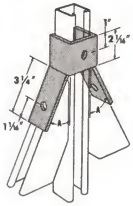
P-2287R thru P-2292R



	A		A
P-2299	22½°	P-2293	22½°
P-2300	30°	P-2294	30°
P-2301	37½°	P-2295	37½°
P-2302	45°	P-2296	45°
P-2303	52½°	P-2297	52½°
P-2304	60°	P-2298	60°

Wt. Lbs./C 240

Wt. Lbs./C 147

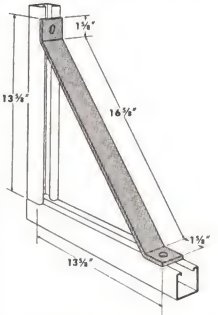


P-2299 thru P-2304

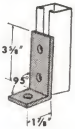
P-2293 thru P-2298

Wt. Lbs./C 98

P-1489



Wt. Lbs./C 227



Wt. Lbs./C 58

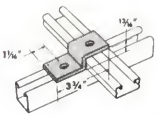
P-1488

P-2452

"Z" shape fittings

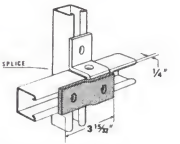
Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1 7/8" on center
width — 1 5/8"
thickness — 1/4"

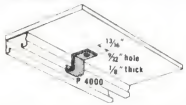


Wt. Lbs./C 47
Wt. Lbs./C 38

P-4045

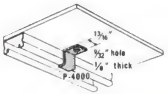


P-1454

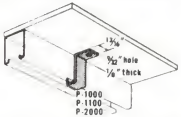


Wt. Lbs./C 6
Wt. Lbs./C 6

P-4360

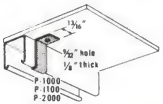


P-4120

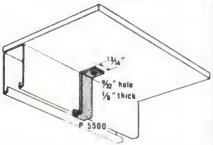


Wt. Lbs./C 9
Wt. Lbs./C 9

P-2360

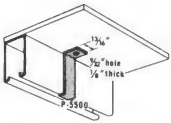


P-2120

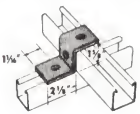


Wt. Lbs./C 11
Wt. Lbs./C 11

P-5560

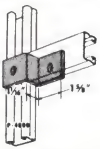


P-5520



Wt. Lbs./C 55
Wt. Lbs./C 50

P-1045



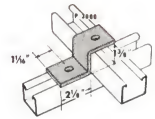
P-4347

"Z" shape fittings

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA

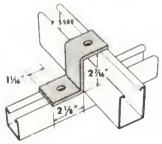
hole size	9/16" diameter
hole spacing	13/16" from end
	1 7/8" on center
width	1 5/8"
Thickness	14"



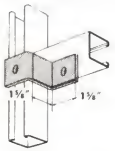
Wt. Lbs./C 53

Wt. Lbs./C 67

P-3045



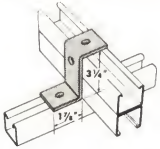
P-5545



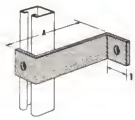
Wt. Lbs./C 55

Wt. Lbs./C 70

P-1347



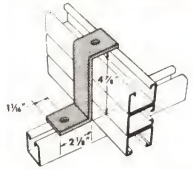
P-1453



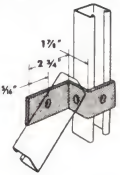
	A	Wt. Lbs./C
P-1479A	4"	81
P-1479B	5"	92
P-1479C	6"	104
P-1479D	7"	115
P-1479E	8"	127

Wt. Lbs./C 93

P-1479A thru E



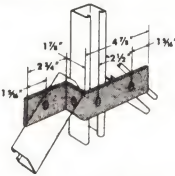
P-2469



Wt. Lbs./C 66

Wt. Lbs./C 103

P-1625

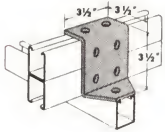


P-1626

"Z" shape fittings

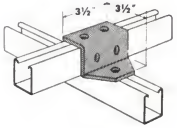
Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1 7/8" on center
width — 1 5/8"
thickness — 1/4"

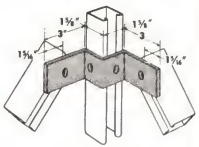


Wt. Lbs./C 143
Wt. Lbs./C 102

P-2330

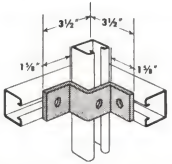


P-2327

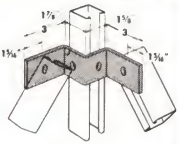


Wt. Lbs./C 93
Wt. Lbs./C 70

P-1627

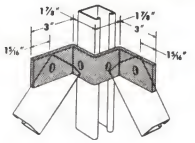


P-1736

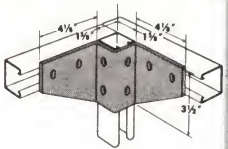


Wt. Lbs./C 99
Wt. Lbs./C 96

P-1628



P-1629



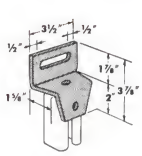
Wt. Lbs./C 215

P-2222

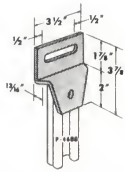
"Z" shape fittings

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1-7/8" on center
width — 1 5/8"
thickness — 1/4"

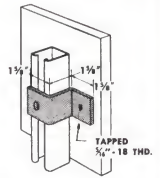


Wt. Lbs./C 93
Wt. Lbs./C 83

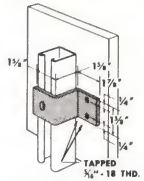


P-1480

P-4480

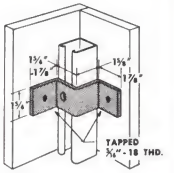


Wt. Lbs./C 54
Wt. Lbs./C 54

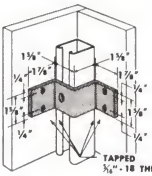


P-1730

P-1731



Wt. Lbs./C 70
Wt. Lbs./C 70



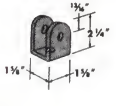
P-1734

P-1735

"U" shape fittings

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

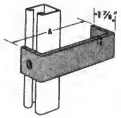
GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1 7/8" on center
width — 1-5/8"
thickness — 1/4"



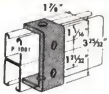
P-1973

Wt. Lbs./C 53

	A	Wt. Lbs./C
P-1363A	4"	78
P-1363B	5"	89
P-1363C	6"	101
P-1363D	7"	112
P-1363E	8"	124

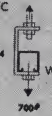


P-1363A thru E

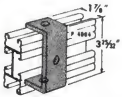


P-1044

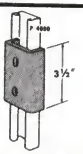
Wt. Lbs./C 70



Wt. Lbs./C 74

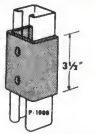


P-4044

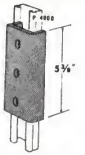


Wt. Lbs./C 85

Wt. Lbs./C 128

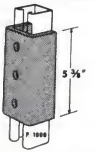


P-4376 **P-1376**

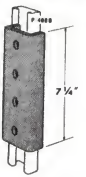


Wt. Lbs./C 130

Wt. Lbs./C 197

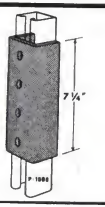


P-4376A **P-1376A**



Wt. Lbs./C 176

Wt. Lbs./C 265

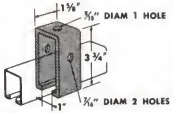


P-4377 **P-1377**

"U" shape fittings

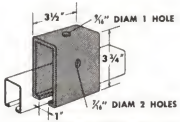
Manufactured by UNISTRUT CORPORATION · Wayne, Michigan

GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from and 1 7/8" on center
width — 1 5/8"
thickness — 1/4"

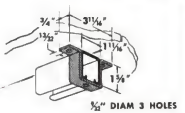


Wt. Lbs./C 102
Wt. Lbs./C 220

P-1834

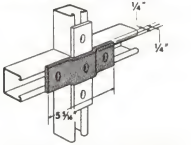


P-1834A

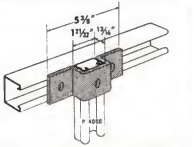


Wt. Lbs./C 18
Wt. Lbs./C 58

P-2237

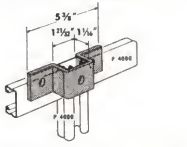


P-1455

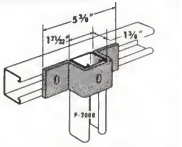


Wt. Lbs./C 71
Wt. Lbs./C 77

P-4047

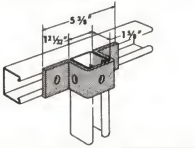


P-4383

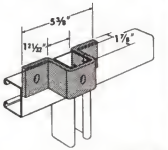


Wt. Lbs./C 84
Wt. Lbs./C 88

P-3047

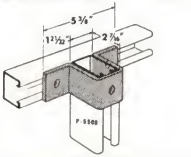


P-1047



Wt. Lbs./C 95
Wt. Lbs./C 108

P-1383

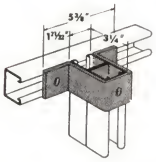


P-5547

"U" shape fittings

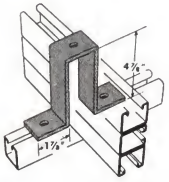
Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1-7/8" on center
width — 1-5/8"
thickness — 1/4"

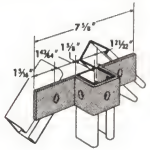


Wt. Lbs./C 128
Wt. Lbs./C 197

P-1737

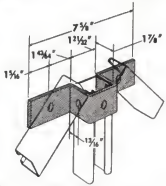


P-2473

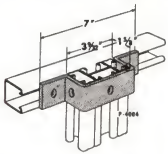


Wt. Lbs./C 115
Wt. Lbs./C 120

P-1631

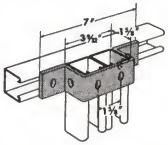


P-1632

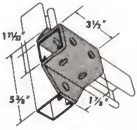


Wt. Lbs./C 106
Wt. Lbs./C 105

P-4043

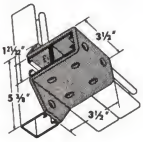


P-1043A



Wt. Lbs./C 171
Wt. Lbs./C 257

P-2326

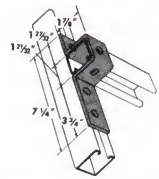


P-2329

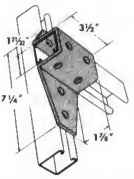
"U" shape fittings

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1-7/8" on center
width — 1-5/8"
thickness — 1/4"

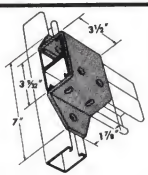


Wt. Lbs./C 107
Wt. Lbs./C 198



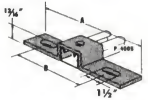
P-2331

P-2332



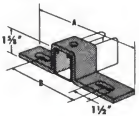
Wt. Lbs./C 209

	A	B	Wt. Lbs./C
P-4048	7¼"	4¼"	90
P-4049	8½"	5¼"	102
P-4050	10¾"	7¼"	124

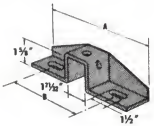


P-2328

P-4048 thru P-4050



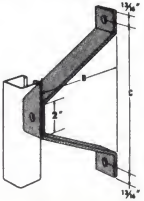
	A	B	Wt. Lbs./C
P-1048	7¼"	4¼"	105
P-1049	8½"	5¾"	120
P-1050	10½"	7¼"	130



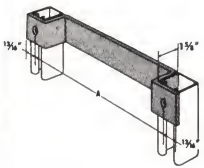
	A	B	Wt. Lbs./C
P-1055	7¼"	4¼"	143
P-1056	8½"	5¾"	170
P-1057	10¾"	7¼"	195

P-1048 thru P-1050

P-1055 thru P-1057



	B	C	Wt. Lbs./C
P-1204	2¾"	6"	113
P-1205	4¾"	8"	164
P-1206	6¾"	10"	216
P-1207	8¾"	12"	267
P-1208	10¾"	14"	318



	A	Wt. Lbs./C
P-1201	12"	186
P-1202	15"	221
P-1203	18"	254

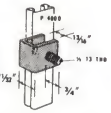
P-1204 thru P-1208

P-1201 thru P-1203

"U" shape fittings

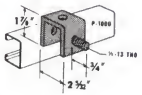
Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
17/8" on center
width — 1-5/8"
thickness — 1/4"

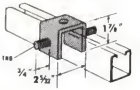


Wt. Lbs./C 59
Wt. Lbs./C 63

P-4320

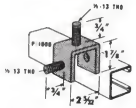


P-1320

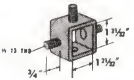


Wt. Lbs./C 65
Wt. Lbs./C 65

P-1317

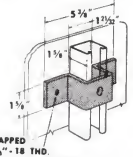


P-1319

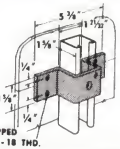


Wt. Lbs./C 95
Wt. Lbs./C 88

P-1321

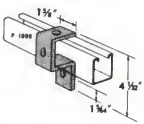


P-1732



Wt. Lbs./C 88
Wt. Lbs./C 76

P-1733

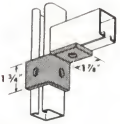


P-1046A

wing shape fittings

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

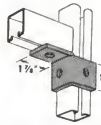
GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1 7/8" on center
width — 1 5/8"
thickness — 1/4"



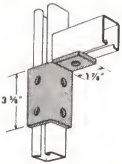
Wt. Lbs./C 60

P-2341R

Wt. Lbs./C 60



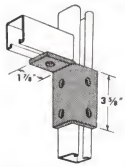
P-2341L



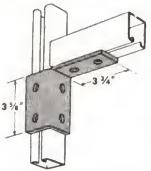
Wt. Lbs./C 114

P-2342R

Wt. Lbs./C 114



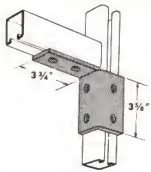
P-2342L



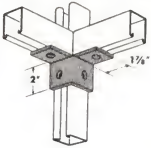
Wt. Lbs./C 119

P-2343R

Wt. Lbs./C 119



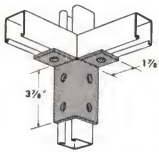
P-2343L



Wt. Lbs./C 76

P-2223

Wt. Lbs./C 115

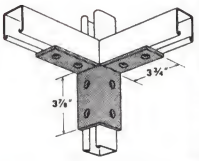


P-2224

3f/2 wing shape fittings

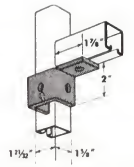
Manufactured by UNISTRUT CORPORATION · Wayne, Michigan

GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1 7/8" on center
width — 1-5/8"
thickness — 1/4"

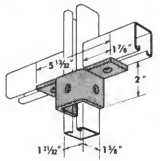


Wt. Lbs./C 155
Wt. Lbs./C 75

P-2225

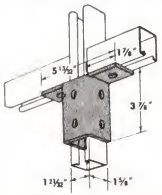


P-2472

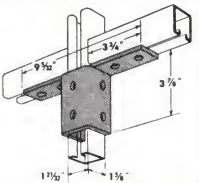


Wt. Lbs./C 93
Wt. Lbs./C 150

P-2345

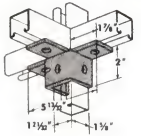


P-2346

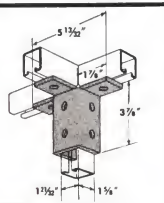


Wt. Lbs./C 193
Wt. Lbs./C 113

P-2347

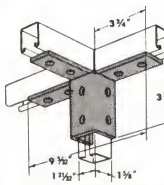


P-2227



Wt. Lbs./C 177
Wt. Lbs./C 230

P-2228

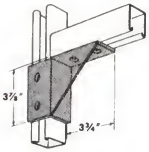


P-2229

wing shape fittings

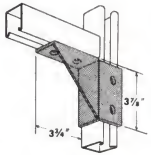
Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1 7/8" on center
width — 1 5/8"
thickness — 1/4"



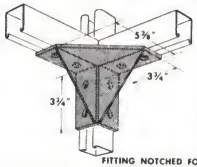
Wt. Lbs./C 176

Wt. Lbs./C 176



P-2344R

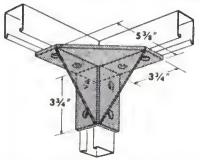
P-2344L



FITTING NOTCHED FOR CONTINUOUS VERTICAL

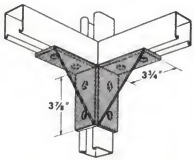
Wt. Lbs./C 315

Wt. Lbs./C 337



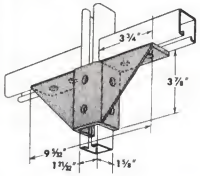
P-2245

P-2245A



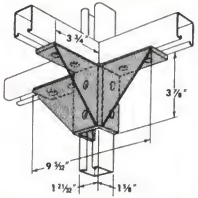
Wt. Lbs./C 217

Wt. Lbs./C 274



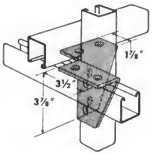
P-2226

P-2348



Wt. Lbs./C 310

Wt. Lbs./C 211



P-2230

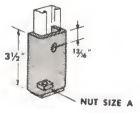
P-2084

GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1-7/8" on center
width — 1-5/8"
thickness — 1/4"

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

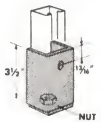
	COUPLING SIZE	Wt. Lbs./C
P-1540A	⅜"	167
P-1540B	½"	169
P-1540C	¾"	171

	A	Wt. Lbs./C
P-4543A	¾"	111
P-4543B	⅜"	111



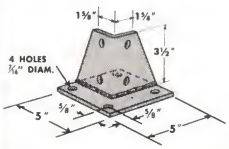
P-1540A thru P-1540C

P-4543A & P-4543B



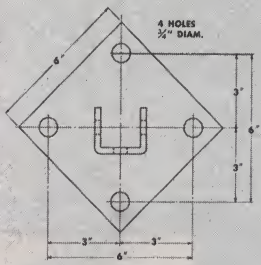
	A	Wt. Lbs./C
P-1543A	¾"	153
P-1543B	⅜"	155
P-1543C	½"	158
P-1543D	⅝"	161
P-1543E	¼"	164

Wt. Lbs./C 297

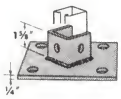


P-1543A thru P-1543E

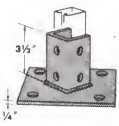
P-1887



	Wt. Lbs./C
P-2072A	373
P-2072	307



P-2072

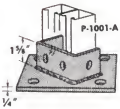


P-2072A

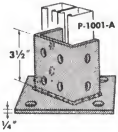
3g/2 post bases

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

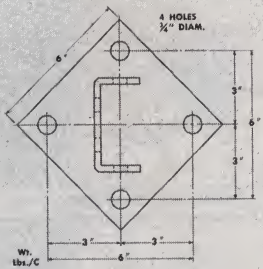
GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1-7/8" on center
width — 1-5/8"
thickness — 1/4"



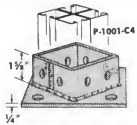
P-2073



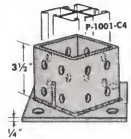
P-2073A



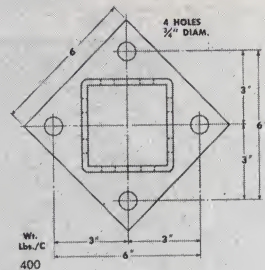
P-2073	325
P-2073A	408



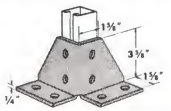
P-2076



P-2076A



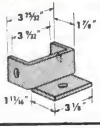
P-2076	400
P-2076A	567



P-2084

Wt. Lbs./C 211

Wt. Lbs./C 116

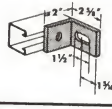


P-2453

GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1-7/8" on center
width — 1-5/8"
thickness — 1/4"

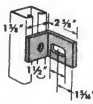
slotted fittings

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan



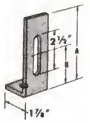
Wt. Lbs./C 43

P-1749



Wt. Lbs./C 38

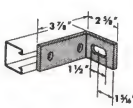
P-1750



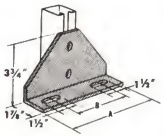
	A	B	Wt. Lbs./C
P-1498	4 3/8"	2 1/4"	65
P-1499	6 3/8"	4 1/2"	85

Wt. Lbs./C 66

P-1498 & P-1499



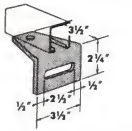
P-1747



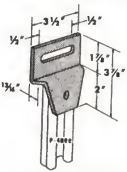
	A	B	Wt. Lbs./C
P-1130	6 1/2"	4"	190
P-1131	8 5/8"	6"	242

Wt. Lbs./C 97

P-1130 & P-1131



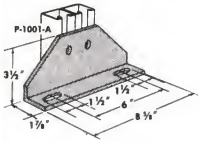
P-1713



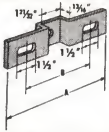
Wt. Lbs./C 83

Wt. Lbs./C 245

P-4480



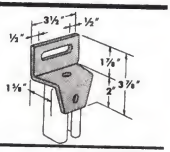
P-1355



	A	B	Wt. Lbs./C
P-4048	7 1/2"	4 1/2"	90
P-4049	8 1/2"	5 1/2"	102
P-4050	10 1/2"	7 1/2"	124

Wt. Lbs./C 93

P-4048 thru P-4050



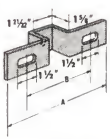
P-1480

3h/2 slotted fittings

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

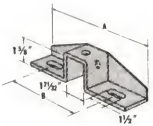
GENERAL DATA

hole size	9/16" diameter
hole spacing	13/16" from end
	1 7/8" on center
width	1 5/8"
thickness	1/4"



	A	B	Wt. Lbs./C
P-1048	7 1/4"	4 1/8"	105
P-1049	8 1/2"	5 3/8"	120
P-1050	10 3/8"	7 1/4"	130

P-1048 thru P-1050



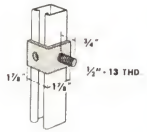
	A	B	Wt. Lbs./C
P-1055	7 1/4"	4 1/8"	143
P-1056	8 1/2"	5 3/8"	170
P-1057	10 3/8"	7 1/4"	195

P-1055 thru P-1057

stud fittings

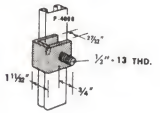
GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1-7/8" on center
width — 1-5/8"
thickness — 1/4"

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan



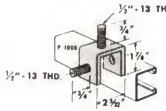
Wt. Lbs./C 45

P-1315



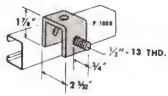
Wt. Lbs./C 59

P-4320



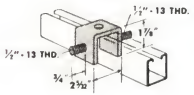
Wt. Lbs./C 65

P-1319



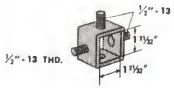
Wt. Lbs./C 63

P-1320



Wt. Lbs./C 65

P-1317



Wt. Lbs./C 95

P-1321

tapped fittings

Manufactured by UNISTRUT CORPORATION · Wayne, Michigan

GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from and 1-7/8" on center
width — 1-5/8"
thickness — 1/4"

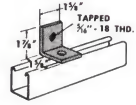
TAP SIZE		Wt. Lbs./C
P-1935	⅜"-18 Pipe Thd.	9
P-1936	½"-14 Pipe Thd.	9

P-1935 & P-1936

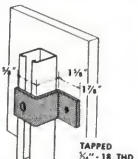
	U.S. STD. THD. SIZE	Wt. Lbs./C
P-1959	⅜"-16	23
P-1960	½"-13	22
P-1961	⅝"-11	21

Wt. Lbs./C 34

P-1959 thru P-1961



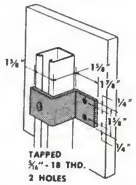
P-1723



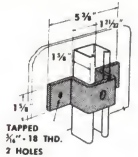
Wt. Lbs./C 54

Wt. Lbs./C 54

P-1730



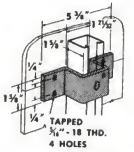
P-1731



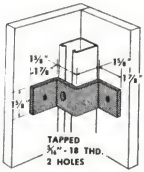
Wt. Lbs./C 88

Wt. Lbs./C 88

P-1732



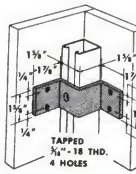
P-1733



Wt. Lbs./C 70

Wt. Lbs./C 70

P-1734

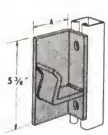


P-1735

special application fittings

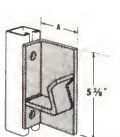
Manufactured by UNISTRUT CORPORATION · Wayne, Michigan

GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1-7/8" on center
width — 1-5/8"
thickness — 1/4"



PIPE AXLE SUPPORT

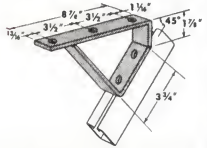
	A	STD. PIPE SIZE	Wt. Lbs./C
P-2354L	3"	1½"	220
P-2354R	3"	1½"	220
P-2355L	3⅝"	2"	252
P-2355R	3⅝"	2"	252



P-2354L & P-2355L

P-2354R & P-2355R

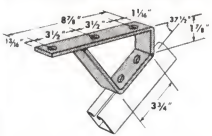
45° STAIR TREAD SUPPORT



Wt. Lbs./C 220

P-1944

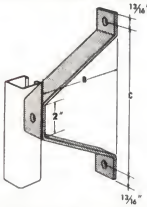
37½° STAIR TREAD SUPPORT



Wt. Lbs./C 213

P-2655

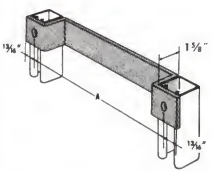
WALL LADDER BRACKET



	B	C	Wt. Lbs./C
P-1204	2⅝"	6"	113
P-1205	4⅛"	8"	164
P-1206	6⅝"	10"	216
P-1207	8⅛"	12"	267
P-1208	10⅝"	14"	318

P-1204 thru P-1208

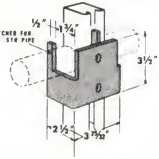
LADDER RUNG



	A	Wt. Lbs./C
P-1201	12"	186
P-1202	15"	221
P-1203	18"	254

P-1201 thru P-1203

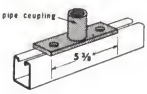
LIGHT WEIGHT AXLE SUPPORT FOR 1¼" STD. PIPE



Wt. Lbs./C 148

P-2454

PIPE COUPLING FITTING



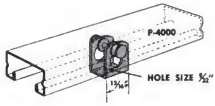
	PIPE COUPLING SIZE	Wt. Lbs./C
P-2470-50	½"	77
P-2470-75	¾"	93
P-2470-100	1"	103

P-2470-50,-75, & -100

special application fittings

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

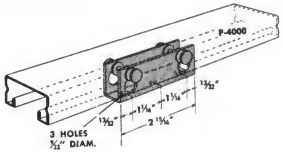
GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1-7/8" on center
width — 1-5/8"
thickness — 1/4"



DESIGN LOAD
APPROX. 25#

Wt. Lbs./C 10

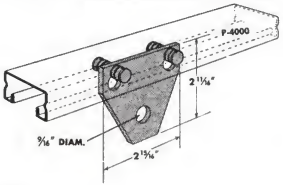
P-4349A



DESIGN LOAD
APPROX. 50#

Wt. Lbs./C 29

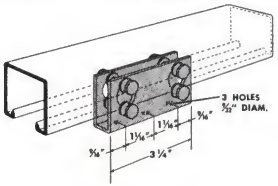
P-4350A

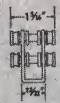


DESIGN LOAD
APPROX. 50#

Wt. Lbs./C 38

P-4350B





DESIGN LOAD
APPROX. 50#

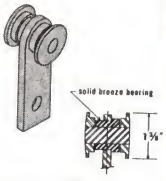
Wt. Lbs./C 49

P-4351A

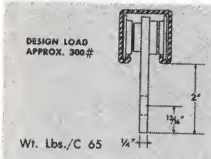
special application fittings

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1-7/8" oc center
width — 1-5/8"
thickness — 1/4"



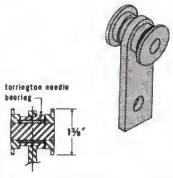
P-2349



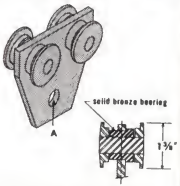
Wt. Lbs./C 65

Wt. Lbs./C 59

TROLLEY ASSEMBLY

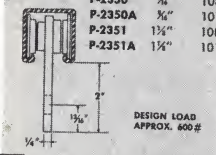


P-2349A

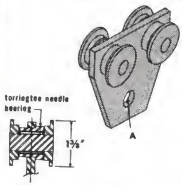


P-2350 & P-2351

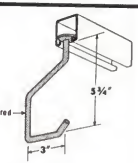
	A	Wt. Lbs./C
P-2350	⅜"	108
P-2350A	⅜"	101
P-2351	1⅜"	108
P-2351A	1⅜"	101



TROLLEY ASSEMBLY



P-2350A & P-2351A

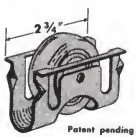


FENDER HOOK

P-2353

Wt. Lbs./C 29

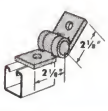
Wt. Lbs./C 36



SINGLE CONVEYOR ROLLER ASSEMBLY

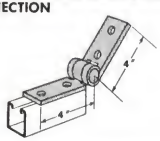
P-2480

ADJUSTABLE HINGE CONNECTION



Wt. Lbs./C 68

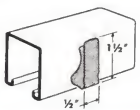
P-1843



Wt. Lbs./C 109

P-1354

SPRING CLIP CARD HOLDER



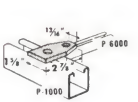
Wt. Lbs./C 7

P-2236

special application fittings

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

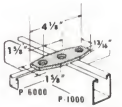
ADAPTER FITTINGS FOR P-6000 AND P-7000 TO P-1000 SERIES



ALL HOLE SIZES $\frac{9}{32}$"

Wt. Lbs./C 21

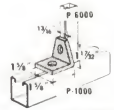
P-46065



ALL HOLE SIZES $\frac{9}{32}$"

Wt. Lbs./C 29

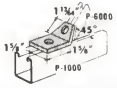
P-46066



ALL HOLE SIZES $\frac{9}{32}$"

Wt. Lbs./C 21

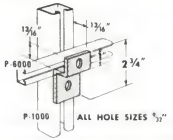
P-46026



ALL HOLE SIZES $\frac{9}{32}$"

Wt. Lbs./C 21

P-46072



ALL HOLE SIZES $\frac{9}{32}$"

Wt. Lbs./C 31

P-46045

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

FOR P-4000 CHANNEL

Wt. Lbs./C 5

P-4280

FOR P-1000 CHANNEL

Wt. Lbs./C 11

P-1280

FOR P-1100 CHANNEL

Wt. Lbs./C 12

P-1180

FOR P-2000 CHANNEL

Wt. Lbs./C 11

P-2280

FOR P-5500 CHANNEL

Wt. Lbs./C 17

P-5580

FOR P-3000 CHANNEL

Wt. Lbs./C 8

P-3280

FOR P-1000 CHANNEL

Wt. Lbs./C 10

P-2407

FOR P-1000 CHANNEL

Wt. Lbs./C 11

P-1280-A

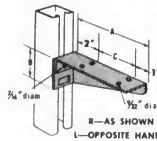
FOR P-2000 CHANNEL

Wt. Lbs./C 11

P-2280-A

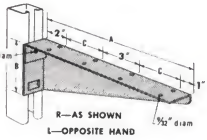
GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1 7/8" on center
width — 1 5/8"
thickness — 1/4"

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

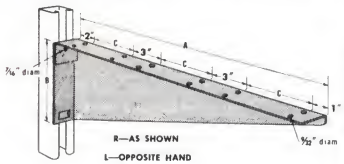


	A	B	C	Wt. Lbs./C
P-2491R-L	6"	1 13/16"	3"	67
P-2492R-L	8"	2 5/16"	5"	92
P-2493R-L	10"	2 13/16"	7"	120
P-2494R-L	12"	3 5/16"	3"	152
P-2495R-L	14"	3 13/16"	4"	173
P-2496R-L	16"	4 5/16"	5"	223
P-2497R-L	18"	4 13/16"	6"	266
P-2498R-L	20"	5 5/16"	7"	308
P-2499R-L	22"	5 13/16"	8"	355

P-2491R-L thru P-2493R-L



P-2494R-L thru P-2499R-L

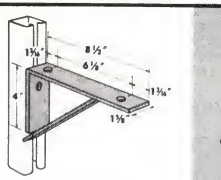


	A	B	C	Wt. Lbs./C
P-2500R-L	24"	6 7/16"	5"	400
P-2501R-L	26"	6 15/16"	5 13/16"	445
P-2502R-L	28"	7 7/16"	6 5/16"	493
P-2503R-L	30"	7 15/16"	7"	545

DESIGN UNIFORM LOAD ON BRACKETS P-2491R-L thru P-2503R-L

P-1000	200#
P-1100	250#
P-2000	200#

P-2500R-L thru P-2503R-L

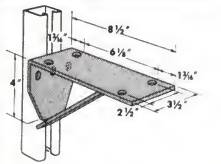


DESIGN UNIFORM LOAD

P-1000	800#
P-1100	600#
P-2000	400#

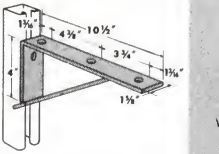
Wt. Lbs./C 174

P-1769



Wt. Lbs./C 295

P-1770

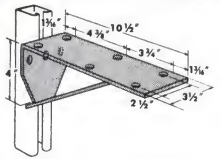


DESIGN UNIFORM LOAD

P-1000	800#
P-1100	600#
P-2000	400#

Wt. Lbs./C 206

P-1771



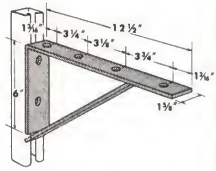
Wt. Lbs./C 361

P-1772

3m/2 brackets

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1-7/8" on center
width — 1-5/8"
thickness — 1/4"

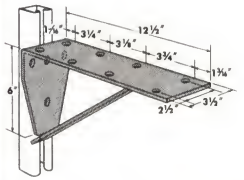


DESIGN UNIFORM LOAD

P-1000	900#
P-1100	800#
P-2000	450#

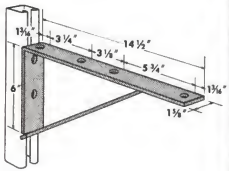
Wt. Lbs./C 264

Wt. Lbs./C 443



P-1773

P-1774

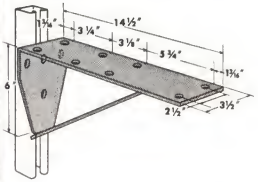


DESIGN UNIFORM LOAD

P-1000	900#
P-1100	800#
P-2000	450#

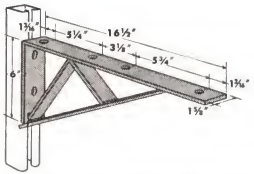
Wt. Lbs./C 295

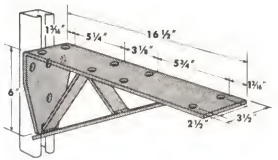
Wt. Lbs./C 500



P-1775

P-1776





Wt. Lbs./C 385

DESIGN UNIFORM LOAD

P-1000	1200#
P-1100	900#
P-2000	600#

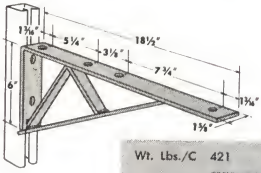
Wt. Lbs./C 617

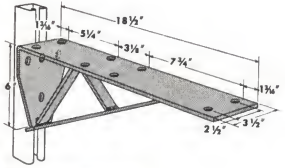
P-1777

P-1778

GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1-7/8" on center
width — 1 5/8"
thickness — 1/4"

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan





Wt. Lbs./C 421

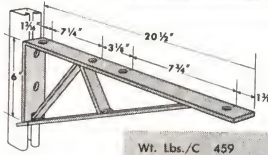
DESIGN UNIFORM LOAD

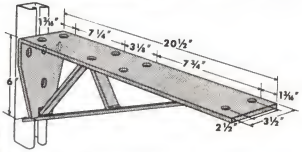
P-1000	1200#
P-1100	900#
P-2000	600#

Wt. Lbs./C 680

P-1779

P-1780





Wt. Lbs./C 459

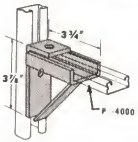
DESIGN UNIFORM LOAD

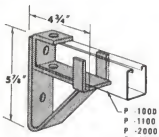
P-1000	1000#
P-1100	800#
P-2000	500#

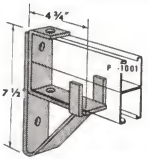
Wt. Lbs./C 744

P-1781

P-1782







Wt. Lbs./C 171

Wt. Lbs./C 229

Wt. Lbs./C 272

DESIGN MOMENT (INCH-Lbs.)*

	P-1000	P-1100	P-2000
P-1075	6300	4400	3200
P-1593	13000	9100	6500
P-4075	2500	1850	1400

*applies only to fittings and not to strength of Unistrut arm.

P-4075

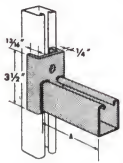
P-1075

P-1593

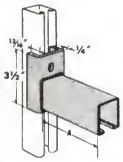
3m/4 brackets

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1 7/8" on center
width — 1 5/8"
thickness — 1/4"

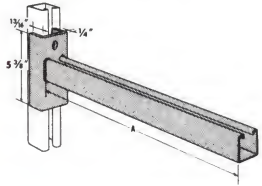


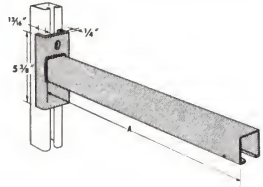
	A	Wt. Lbs./C	DESIGN UNIFORM LOAD P-1000	P-1100	P-2000
P-2231	6"	191	1600#	1200#	800#
P-2232	12"	292	800#	600#	400#
P-2231A	6"	191	1600#	1200#	800#
P-2232A	12"	292	800#	600#	400#



P-2231 & P-2232

P-2231A & P-2232A



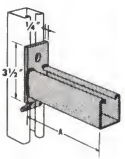


	A	Wt. Lbs./C	DESIGN UNIFORM LOAD P-1000	P-1100	P-2000
P-2233	18"	436	600#	450#	300#
P-2234	24"	536	450#	330#	220#

	A	Wt. Lbs./C	DESIGN UNIFORM LOAD P-1000	P-1100	P-2000
P-2233A	18"	436	600#	450#	300#
P-2234A	24"	536	450#	330#	220#

P-2233 & P-2234

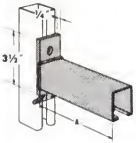
P-2233A & P-2234A



When installed in inverted position use 60% of loads shown.

	A	Wt. Lbs./C	DESIGN UNIFORM LOAD P-1000	P-1100	P-2000
P-2513	6"	151	1200#	800#	600#
P-2514	12"	251	600#	400#	300#
P-2515	18"	351	400#	270#	200#
P-2516	24"	451	300#	200#	150#

	A	Wt. Lbs./C	DESIGN UNIFORM LOAD P-1000	P-1100	P-2000
P-2513A	6"	151	1200#	800#	600#
P-2514A	12"	251	600#	400#	300#
P-2515A	18"	351	400#	270#	200#
P-2516A	24"	451	300#	200#	150#



When installed in inverted position use 60% of loads shown.

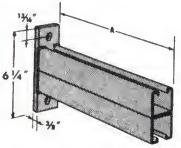
P-2513 thru P-2516

P-2513A thru P-2516A

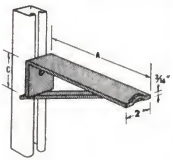
GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1-7/8" on center
width — 1-5/8"
thickness — 1/4"

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

	A	Wt. Lbs./C	DESIGN UNIFORM LOAD P-1000	P-1100	P-2000
P-2542	12"	514	2000#	1400#	1000#
P-2543	18"	714	1300#	900#	650#
P-2544	24"	914	1000#	700#	500#
P-2545	30"	1114	800#	560#	400#
P-2546	36"	1314	650#	450#	320#



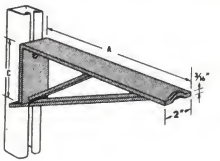
P-2542 thru P-2546



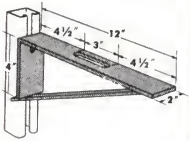
	A	C	Wt. Lbs./C
P-1601	4½"	2⅜"	108
P-1602	8½"	2⅜"	163
P-1603	12½"	4"	254
P-1604	18"	4"	402

	DESIGN UNIFORM LOAD P-1000	P-1100	P-2000
P-1601	1000#	700#	500#
P-1602	500#	350#	250#
P-1603	700#	490#	350#
P-1604	450#	310#	220#

P-1601 & P-1602

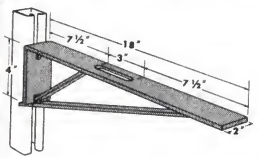


P-1603 & P-1604



Wt. Lbs./C 218

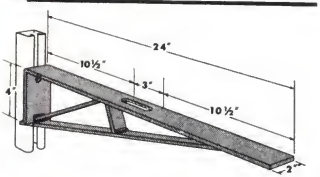
P-2554



Wt. Lbs./C 327

P-2555

	DESIGN UNIFORM LOAD P-1000	P-1100	P-2000
P-2554	750#	520#	370#
P-2555	600#	420#	300#
P-2556	450#	310#	220#



Wt. Lbs./C 628

P-2556

1⅝ channel width series

"UNISTRUT" MECHANICAL ACCESSORIES

MATERIAL

Unless otherwise noted, all pipe clamps, brackets, pipe roller and beam clamp fittings are punch press formed from hot rolled pickled and oiled plate or strip steel.
Pipe rollers and beam clamps where noted are gray cast iron.

STANDARD DIMENSIONS

The following dimensions apply to all fittings except as noted:

Hole size	—	⅝" diameter
Fitting width	—	1⅝"
Fitting thickness	—	¼"

APPLICATIONS

UNISTRUT pipe clamps, pipe hangers, brackets, rollers and beam clamps are designed for the support of mechanical services. Used in conjunction with UNISTRUT framing, supports to meet nearly every requirement can be fabricated.

DESIGN LOADING

Load data given in the following section of mechanical accessories includes a safety factor of five (5) based on the ultimate strength of the material as required by the "American Standard Code for Pressure Piping".

FINISHES

All parts can be supplied in plain, greenamel or hot dipped galvanized finish except as noted.

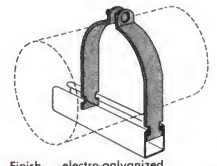
UNISTRUT Corporation

index

pipe clamps

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1-7/8" on center
width — 1-5/8"
thickness — 1/4"



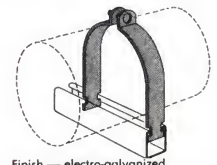
Finish — electro-galvanized

P-1109 thru P-1126

PIPE CLAMPS FOR RIGID STEEL CONDUIT

	PIPE SIZE	Wt. Lbs./C		PIPE SIZE	Wt. Lbs./C
P-1109	¾"	10	P-1118	2½"	40
P-1111	½"	11	P-1119	3"	47
P-1112	¾"	15	P-1120	3½"	62
P-1113	1"	17	P-1121	4"	67
P-1114	1¼"	19	P-1123	5"	80
P-1115	1½"	29	P-1124	6"	102
P-1117	2"	34	P-1126	8"	130

P-1109 THRU P-1111 16 GA.
P-1112 THRU P-1114 14 GA.
P-1115 THRU P-1119 12 GA.
P-1120 THRU P-1123 11 GA.
P-1124 THRU P-1126 10 GA.



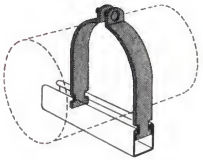
Finish — electro-galvanized

P-1425 thru P-1431

PIPE CLAMPS FOR THIN WALL CONDUIT (E.M.T.)

	PIPE SIZE	Wt. Lbs./C		PIPE SIZE	Wt. Lbs./C
P-1425	½"	9	P-1429	1¼"	18
P-1426	½"	11	P-1430	1½"	29
P-1427	¾"	12	P-1431	2"	33
P-1428	1"	15			

P-1425 THRU P-1427 16 GA.
P-1428 THRU P-1429 14 GA.
P-1430 THRU P-1431 12 GA.



Finish — electro-galvanized

PIPE CLAMPS FOR O.D. TUBING, TRANSITE PIPE, FIBRE DUCT, GLASS, OR CERAMIC TUBES

	O.D. TUBE SIZE	Wt. Lbs./C		O.D. TUBE SIZE	Wt. Lbs./C
P-2024	½"	8	P-2046	3"	41
P-2025	⅝"	8	P-2047	3⅛"	43
P-2026	½"	9	P-2048	3¼"	45
P-2027	⅛"	10	P-2049	3⅜"	46
P-2028	¾"	11	P-1119	3½"	47
P-2029	¾"	12	P-2051	3¾"	56
P-2030	1"	14	P-2052	3⅞"	58
P-2031	1¼"	15	P-2053	3⅞"	60
P-2032	1⅛"	16	P-1120	4"	62
P-2033	1⅜"	17	P-2055	4⅛"	62
P-2034	1½"	18	P-2056	4¼"	64
P-2035	1⅝"	19	P-2057	4⅜"	66
P-1430	1¾"	29	P-1121	4½"	67
P-2037	1⅞"	28	P-2059	4¾"	70
P-2038	2"	31	P-2060	4⅞"	72
P-2039	2⅛"	32	P-2061	4⅞"	73
P-2040	2¼"	33	P-2062	5"	74
P-1117	2⅜"	34	P-2063	5⅛"	76
P-2042	2½"	35	P-2064	5¼"	77
P-2043	2⅝"	37	P-2065	5⅜"	78
P-2044	2⅝"	38	P-2066	5½"	79
P-1118	2¾"	40	P-2067	5⅝"	88

CONTINUED ON NEXT PAGE—

PIPE CLAMPS FOR O.D. TUBING, TRANSITE PIPE, FIBRE DUCT, GLASS, OR CERAMIC TUBES

	O.D. TUBE SIZE	Wt. Lbs./C		O.D. TUBE SIZE	Wt. Lbs./C
P-2068	5¾"	90	P-2070-72	7¼"	112
P-2069	5¾"	92	P-2070-73	7⅜"	114
P-2070	6"	94	P-2070-74	7½"	116
P-2070-61	6¼"	96	P-2070-75	7⅝"	117
P-2070-62	6½"	98	P-2070-76	7¾"	119
P-2070-63	6⅝"	99	P-2070-77	7⅞"	121
P-2070-64	6½"	100	P-2070-80	8"	123
P-1124	6¾"	102	P-2070-81	8⅛"	125
P-2070-66	6¾"	104	P-2070-82	8¼"	126
P-2070-67	6⅞"	106	P-2070-83	8⅜"	128
P-2070-70	7"	108	P-2070-84	8½"	129
P-2070-71	7⅛"	110	P-1126	8⅝"	130

P-2024 THRU P-2029 16 GA.
P-2030 THRU P-2035 14 GA.
P-2037 THRU P-2049 12 GA.
P-2051 THRU P-2066 11 GA.
P-2067 THRU P-2070-84 10 GA.

P-2024 thru P-2070-84

DESIGN LOADS

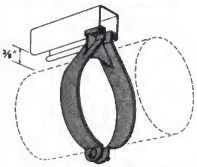
CLAMP NO.	DESIGN LOAD SAFETY FACTOR 5
P-1109 — P-1111 P-1425 — P-1427 P-2024 — P-2029	400#
P-1112 — P-1114 P-1428 — P-1429 P-2030 — P-2035	600#
P-1115 — P-1119 P-1430 — P-1431 P-2037 — P-2049	800#
P-1120 — P-1126 P-2051 — P-2070-84	1000#

CLAMP NO.	DESIGN LOAD SAFETY FACTOR 5
P-1563 — P-1565	300#
P-1566 — P-1567	400#
P-1568 — P-1573	500#

PIPE CLAMPS FOR RIGID STEEL CONDUIT

	PIPE SIZE	Wt. Lbs./C		PIPE SIZE	Wt. Lbs./C
P-1563	⅜"	27	P-1569	2"	47
P-1564	½"	29	P-1570	2½"	66
P-1565	¾"	30	P-1571	3"	78
P-1566	1"	31	P-1572	3½"	87
P-1567	1¼"	38	P-1573	4"	90
P-1568	1½"	40			

P-1563 THRU P-1565 16 GA.
P-1566 THRU P-1567 14 GA.
P-1568 THRU P-1573 12 GA.



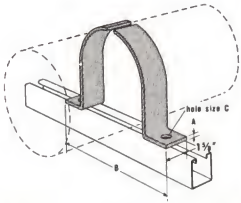
Finish — electro-galvanized

P-1563 thru P-1573

pipe clamps

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

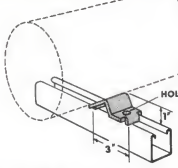
GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1-7/8" on center
width — 1-5/8"
thickness — 1/4"



P-2247-10 thru P-2247-60

FULL CLAMPS FOR RIGID STEEL CONDUIT

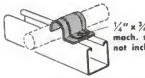
	PIPE SIZE	A	B	C	Wt. Lbs./C
P-2247-10	1"	½"	3¾"	25/32"	25
P-2247-12	1¼"	½"	3 13/16"	25/32"	32
P-2247-15	1½"	½"	3 15/16"	25/32"	34
P-2247-20	2"	5/8"	6"	3/4"	78
P-2247-25	2½"	3/4"	6½"	3/4"	87
P-2247-30	3"	3/4"	7¼"	3/4"	101
P-2247-35	3½"	¼"	7¾"	15/16"	113
P-2247-40	4"	¼"	8¼"	15/16"	122
P-2247-50	5"	¼"	9¾"	15/16"	146
P-2247-60	6"	¼"	10 3/16"	15/16"	168



P-2243

2" TO 8" PIPE BLOCK

Wt. Lbs./C 40



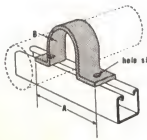
Finish — electro-galvanized

P-2008 thru P-2020

ONE HOLE CLAMP FOR O.D. TUBING

	O.D. TUBE SIZE	Wt. Lbs./C		O.D. TUBE SIZE	Wt. Lbs./C
P-2008	½"	4	P-2014	¾"	8
P-2009	5/8"	5	P-2016	¾"	9
P-2010	3/4"	5	P-2018	7/8"	10
P-2012	½"	6	P-2020	1"	11

P-2008 THRU P-2012 16 GA.
P-2014 THRU P-2020 14 GA.



P-2558-5 thru P-2558-60

STANDARD PIPE STRAP

	PIPE SIZE	A	B	C	Wt. Lbs./C
P-2558-5	½"	2¼"	1/8"	3/16"	23
P-2558-7	¾"	3 1/16"	1/8"	3/16"	26
P-2558-10	1"	3 1/16"	1/4"	3/16"	31
P-2558-12	1¼"	3 1/16"	1/4"	5/32"	35
P-2558-15	1½"	3 5/32"	1/4"	5/32"	39
P-2558-20	2"	5 5/16"	1/4"	13/64"	94
P-2558-25	2½"	6 5/16"	1/4"	13/64"	114
P-2558-30	3"	6 5/32"	1/4"	13/64"	133
P-2558-35	3½"	7 1/32"	1/4"	13/64"	152
P-2558-40	4"	7 3/32"	1/4"	13/64"	176
P-2558-50	5"	8 11/64"	1/4"	13/64"	198
P-2558-60	6"	9 11/32"	1/4"	13/64"	246

GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1-7/8" on center
width — 1 5/8"
thickness — 1/4"

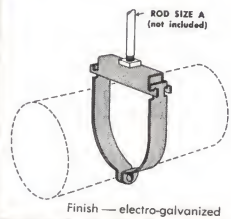
pipe clamps

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

PIPE HANGERS

	STD. & T.W. NOMINAL PIPE SIZE	O.D. TUBE SIZE	ROD SIZE A	Wt. Lbs./C
U-717		½"	¼"	15
U-718	¾" T.W.		½"	16
U-719		⅞"	½"	17
U-720	¾" Std.		¼"	17
U-721	½" T.W.		⅜"	18
U-722		¾"	¼"	18
U-723	½" Std.		¼"	19
U-724		⅞"	⅜"	20
U-725	¾" T.W.		⅜"	21
U-726		1"	⅜"	21
U-727	¾" Std.		⅜"	22
U-728		1⅛"	⅜"	23
U-729	1" T.W.		⅜"	25
U-730		1¼"	⅜"	26
U-731	1" Std.		½"	27
U-732		1⅜"	½"	28
U-733		1⅜"	⅜"	29
U-734	1¼" T.W.		⅜"	30
U-735		1⅜"	½"	32
U-736		1⅜"	⅜"	33
U-737	1¼" Std.		⅜"	34
U-738	1½" T.W.		½"	44
U-739	1½" Std.		½"	49
U-740		2"	½"	52
U-741		2⅛"	½"	54
U-742	2" T.W.		½"	57
U-743	2" Std.		½"	59
U-744		2½"	½"	62
U-745		2⅝"	½"	64
U-746		2¾"	½"	67
U-747	2½" Std.		½"	72
U-748		3"	½"	74
U-749		3⅛"	½"	76
U-750		3¼"	½"	79
U-751		3⅜"	½"	82
U-752	3" Std.		½"	84
U-753		3⅝"	½"	93
U-754		3¾"	½"	93
U-755		3⅞"	½"	95
U-756	3½" Std.		½"	98
U-757		4⅛"	½"	100
U-758		4¼"	½"	101
U-759		4⅜"	½"	103
U-760	4" Std.		½"	105
U-761		4⅝"	½"	107
U-762		4¾"	½"	109
U-763		4⅞"	½"	110
U-764		5"	½"	112
U-765		5⅛"	½"	114
U-766		5¼"	½"	116
U-767		5⅜"	½"	118
U-768	5" Std.		½"	119
U-769		5⅝"	½"	159
U-770		5¾"	½"	162
U-771		5⅞"	½"	165
U-772		6"	½"	168
U-773		6⅛"	½"	171
U-774		6¼"	½"	173
U-775		6⅜"	½"	176
U-776		6½"	½"	179
U-777	6" Std.		½"	181
U-778		6¾"	½"	184
U-779		6⅞"	½"	187
U-780		7"	½"	189
U-781		7⅛"	½"	192
U-782		7¼"	½"	202
U-783		7⅜"	½"	205
U-784		7½"	½"	207
U-785		7⅝"	½"	210
U-786		7¾"	½"	213
U-787		7⅞"	½"	216
U-788		8"	½"	218
U-789		8¼"	½"	221
U-790		8½"	½"	224
U-791		8¾"	½"	227
U-792		8½"	½"	229
U-793	8" Std.		½"	233

U-717 THRU U-725 16 GA.
U-726 THRU U-737 14 GA.
U-738 THRU U-752 12 GA.
U-753 THRU U-768 11 GA.
U-769 THRU U-793 10 GA.



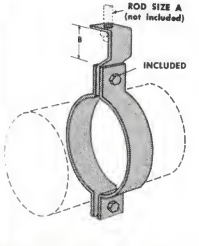
Finish — electro-galvanized

LOAD CAPACITY
SAFETY FACTOR — 5
U-717 thru U-737 — 300#
U-738 thru U-792 — 500#

U-717 thru U-793

ADJUSTABLE PIPE HANGERS

	NOMINAL PIPE SIZE	ROD SIZE A	ROD ADJ. B	STRAP SIZE	BOLT SIZE	Wt. Lbs./C	LOAD CAPACITY S.F. - 5
U-813-7	¾"	⅜"	1½"	⅜" x 1"	⅜" x 1¼"	89	300
U-813-10	1"	⅜"	1½"	⅜" x 1"	⅜" x 1¼"	93	300
U-813-12	1¼"	⅜"	1½"	⅜" x 1"	⅜" x 1¼"	99	300
U-813-15	1½"	⅜"	1½"	⅜" x 1"	⅜" x 1¼"	103	300
U-813-20	2"	⅜"	1¼"	¼" x 1"	⅜" x 1¼"	154	400
U-813-25	2½"	½"	1½"	¼" x 1"	½" x 1¼"	170	400
U-813-30	3"	½"	1½"	¼" x 1"	½" x 1¼"	195	600
U-813-35	3½"	½"	1½"	¼" x 1"	½" x 1¼"	207	600
U-813-40	4"	½"	2"	¼" x 1¼"	½" x 1½"	303	800
U-813-50	5"	½"	2"	¼" x 1½"	½" x 1½"	460	1000
U-813-60	6"	½"	2"	¼" x 1¾"	½" x 1½"	500	1000
U-813-80	8"	¼"	2"	¼" x 2"	¾" x 2"	767	1200

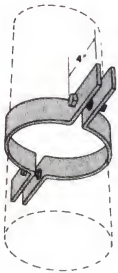


U-813-7 thru U-813-80

pipe clamps

Manufactured by UNISTRUT CORPORATION · Wayne, Michigan

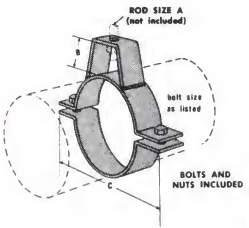
GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
2 7/8" on center
width — 1 5/8"
thickness — 1/4"



RISER SUPPORTS

	NOMINAL PIPE SIZE	STRAP SIZE	BOLT SIZE	Wt. Lbs./C
U-991-7	¾"	⅜" x 1¼"	⅜" x 1¼"	136
U-991-10	1"	⅜" x 1¼"	⅜" x 1¼"	140
U-991-12	1¼"	⅜" x 1¼"	⅜" x 1¼"	144
U-991-15	1½"	⅜" x 1¼"	⅜" x 1¼"	148
U-991-20	2"	½" x 1¼"	½" x 1¼"	210
U-991-25	2½"	½" x 1¼"	⅜" x 1¼"	222
U-991-30	3"	½" x 1½"	⅜" x 1¼"	242
U-991-35	3½"	½" x 1½"	⅜" x 1¼"	290
U-991-40	4"	½" x 1½"	½" x 1½"	354
U-991-50	5"	½" x 2"	½" x 1½"	455
U-991-60	6"	½" x 2"	⅝" x 1½"	485
U-991-80	8"	½" x 2"	¾" x 2"	581

U-991-7 thru U-991-80



ADJUSTABLE PIPE HANGERS

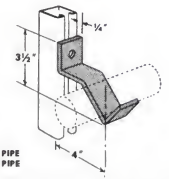
	NOMINAL PIPE SIZE	ROD SIZE A	B	C	STRAP SIZE	BOLT SIZE	Wt. Lbs./C	LOAD CAPACITY S.F. - S
U-814-7	¾"	⅜"	1"	2⅞"	⅜" x 1"	⅜" x 1¼"	52	300
U-814-10	1"	⅜"	1"	3⅛"	⅜" x 1"	⅜" x 1¼"	56	300
U-814-12	1¼"	⅜"	1"	3⅝"	⅜" x 1"	⅜" x 1¼"	67	300
U-814-15	1½"	⅜"	1"	3¾"	⅜" x 1"	⅜" x 1¼"	72	300
U-814-20	2"	½"	1½"	5⅛"	¼" x 1"	½" x 1¼"	142	400
U-814-25	2½"	½"	1¾"	5⅝"	¼" x 1"	½" x 1¼"	160	400
U-814-30	3"	½"	1¾"	6⅜"	¼" x 1"	½" x 1¼"	180	600
U-814-35	3½"	½"	2"	7⅛"	¼" x 1"	½" x 1¼"	199	600
U-814-40	4"	½"	2"	8⅝"	¼" x 1½"	½" x 1½"	288	800
U-814-50	5"	½"	2"	9⅛"	¼" x 1½"	½" x 1½"	410	1000
U-814-60	6"	½"	2½"	10⅝"	¼" x 1½"	½" x 1½"	463	1000
U-814-80	8"	¾"	2½"	13⅜"	¼" x 2"	½" x 2"	691	1200

U-814-7 thru U-814-80

GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1 7/8" on center
width — 1 5/8"
thickness — 1/4"

pipe brackets

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

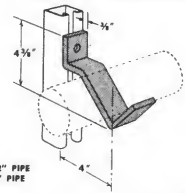


DESIGN UNIFORM LOAD

	P-1000	P-1100	P-2000
P-2481	85	85	85

Wt. Lbs./C 90

P-2481



DESIGN UNIFORM LOAD

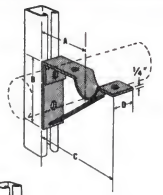
	P-1000	P-1100	P-2000
P-2482	185	120	95

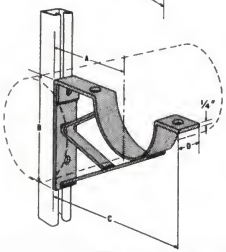
Wt. Lbs./C 139

P-2482

PIPE BRACKET SADDLES

	NOMINAL PIPE SIZE	A	B	C	D	Wt. Lbs./C
P-2244-20	2"	4½"	4½"	7"	1⅜"	181
P-2244-25	2½"	5"	5"	7¾"	1⅜"	208
P-2244-30	3"	5½"	5¾"	8¾"	1⅜"	277
P-2244-35	3½"	6"	6¼"	9¾"	1⅜"	305
P-2244-40	4"	6½"	6¾"	10¾"	1⅜"	334
P-2244-50	5"	7½"	8"	12¾"	1⅜"	424
P-2244-60	6"	8"	8½"	13¼"	1¾"	493
P-2244-80	8"	9"	10½"	15¾"	2"	607





LOAD CAPACITY

SAFETY FACTOR 5

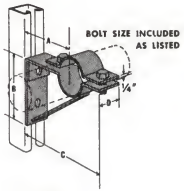
	MOUNTED TO P-1000	P-1100	P-2000
P-2244-20,-25	300#	220#	150#
P-2244-30,-35,-40	500#	370#	250#
P-2244-50,-60,-80	700#	500#	350#

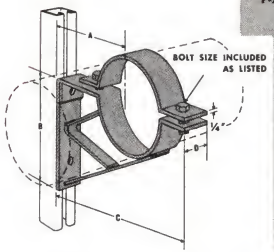
P-2244-20 thru P-2244-80

pipe brackets

Manufactured by UNISTRUT CORPORATION · Wayne, Michigan

GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1-7/8" on center
width — 1-5/8"
thickness — 1/4"





PIPE BRACKET SADDLE AND CLAMP

	NOMINAL PIPE SIZE	A	B	C	D	BOLT SIZE	Wt. Lbs./C
P-2644-20	2"	4½"	4½"	7"	1⅜"	⅜" x 1¼"	233
P-2644-25	2½"	5"	5"	7¾"	1⅜"	⅜" x 1¼"	271
P-2644-30	3"	5½"	5⅜"	8¾"	1⅜"	⅜" x 1¼"	350
P-2644-35	3½"	6"	6⅛"	9¾"	1⅜"	⅜" x 1¼"	384
P-2644-40	4"	6½"	6¾"	10¾"	1⅜"	½" x 1½"	458
P-2644-50	5"	7½"	8"	12¾"	1⅜"	⅜" x 1½"	624
P-2644-60	6"	8"	8¾"	13½"	1⅜"	⅜" x 1¼"	713
P-2644-80	8"	9"	10¼"	15¾"	2"	¾" x 2"	953

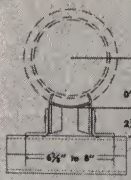
LOAD CAPACITY

SAFETY FACTOR 5

	MOUNTED TO P-1000	P-1100	P-2000
P-2644-20,-25	300#	220#	150#
P-2644-30,-35,-40	500#	370#	250#
P-2644-50,-60,-80	700#	500#	350#

P-2644-20 thru P-2644-80

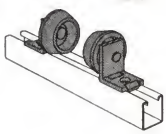
PIPE ROLLER FOR ½" THRU 8" PIPE



Roller will fit standard saddles. Requires 2 each ⅜" x ¾" bolts and ½" Uni-nuts per assembly.

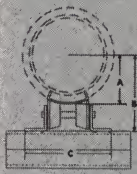
Wt. Lbs./C 268

CAST IRON ROLLERS



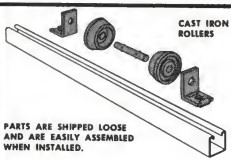
P-2474

PIPE ROLLER FOR 1" THRU 12" PIPE

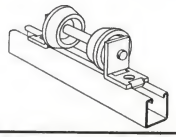


Pipe roller will fit standard saddles. Select proper roller from chart. Requires 2 each ½" x ¾" bolts and ½" Uni-nuts per assembly.

CAST IRON ROLLERS



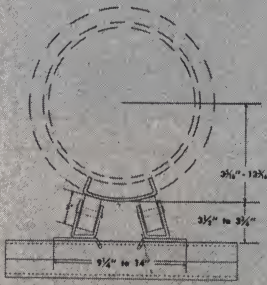
PARTS ARE SHIPPED LOOSE AND ARE EASILY ASSEMBLED WHEN INSTALLED.



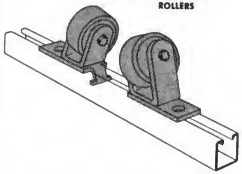
	A	B	C	Wt. Lbs./C
P-2474-1	1¼"-3¾"	3⅝"-5⅞"	6½"	299
P-2474-2	3¾"-4¾"	5⅞"-7⅛"	7½"	304
P-2474-3	4¾"-6¾"	6⅞"-8⅛"	8½"	311
P-2474-4	6¾"-8½"	8⅛"-10⅜"	9⅝"	319

P-2474-1 thru P-2474-4

PIPE ROLLER FOR 6" THRU 18" PIPE



CAST IRON ROLLERS



Roller will fit standard saddles. Requires 2 each ½" x ¾" bolts and ½" Uni-nuts per assembly.

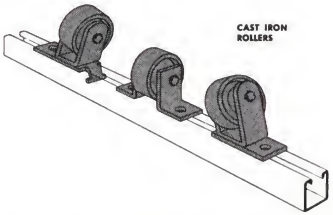
Wt. Lbs./C 760

P-2475

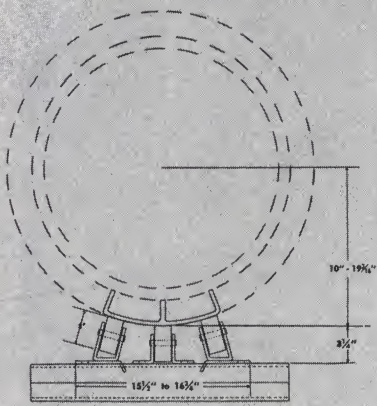
4c/2 pipe rollers

Manufactured by UNISTRUT CORPORATION · Wayne, Michigan

GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1-7/8" on center
width — 1-5/8"
thickness — 1/4"



PIPE ROLLER FOR 20" THRU 30" PIPE

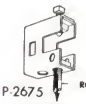


Roller will fit standard saddles. Requires 4 each ½" x ⅝" bolts and ½" Uni-nuts per assembly.

Wt. Lbs./C 1131

P-2476

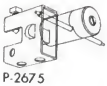
APPLICATIONS



P-2675

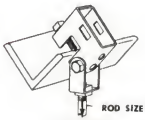
ROD SIZE UP TO ⅜"

250# LOAD



P-3016-1024 NUT OR P-3016-1420 NUT

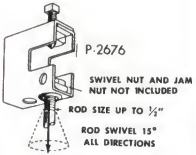
P-2675



ROD SIZE UP TO ⅜"

250# LOAD

P-2675 & P-2674



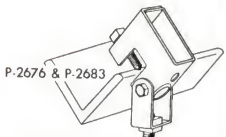
P-2676

SWIVEL NUT AND JAM NUT NOT INCLUDED

ROD SIZE UP TO ½"

ROD SWIVEL 15° ALL DIRECTIONS

500# LOAD



P-2676 & P-2683

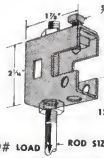
ROD SIZE UP TO ½"

500# LOAD

NOTE: P-2683 see 5c/1.

Clamp P-2675 is designed for light duty rod suspension. It also may be used with P-3016-1024 or P-3016-1420 nut as illustrated at left for mounting insulators, etc.

Wt. Lbs./C 33



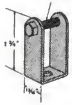
¼" SET SCREW AND NUT INCLUDED

FOR BEAM ANCHOR STRAP SEE PARTS P-1659A THRU P-1661A ON PAGE 4d/2

P-2675

Clevis hanger to be used with P-2675 to provide angle adjustment for up to ⅜" rod suspension as illustrated at left.

Wt. Lbs./C 17

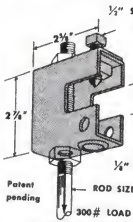


¼" x 1½" SCREW AND NUT INCLUDED

P-2674

Clamp P-2676 provides a means of rod suspension where a free swing of up to 15° is required. Clamp will accommodate ¼", ⅜", or ½" rods. Order swivel nuts P-2679-4,-6, and -8 as required.

Wt. Lbs./C 72



½" SET SCREW AND NUT INCLUDED

FOR BEAM ANCHOR STRAP SEE PARTS P-1654A & P-1655A ON PAGE 4d/2

P-2676

Swivel nuts for use with P-2676 above as illustrated at left. Other uses are illustrated on page 5c/1.

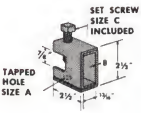
	THRD SIZE	Wt. Lbs./C
P-2679-4	¼" - 20	4
P-2679-6	⅜" - 16	5
P-2679-8	½" - 13	6

P-2679-4,-6,&-8

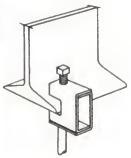
beam clamps

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1 7/8" on center
width — 1-5/8"
thickness — 1/4"

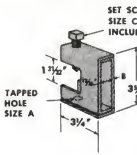


	A	B	C	Wt. Lbs./C	LOAD CAP. IN Lbs.
P-1648S	¼"-20	⅜"	⅜" x 1⅝"	67	650
P-1649S	⅜"-18	⅜"	⅜" x 1⅝"	67	650
P-1649AS	⅜"-16	⅜"	⅜" x 1⅝"	67	650
P-1650S	⅜"-16	⅜"	½" x 1⅝"	100	1100
P-1650AS	½"-13	⅜"	½" x 1⅝"	100	1100
P-1651S	½"-13	½"	½" x 1⅝"	130	1600
P-1651AS	⅝"-11	½"	½" x 1⅝"	130	1600
P-1652S	⅝"-11	⅝"	⅝" x 1⅝"	160	2400
P-1653S	⅝"-10	⅝"	⅝" x 1⅝"	160	2400

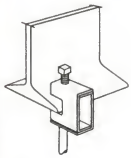


P-1648S thru P-1653S

P-1648S thru P-1653S

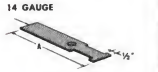


	A	B	C	Wt. Lbs./C	LOAD CAP. IN Lbs.
P-2398S	¼"-20	⅜"	¾" x 2"	109	800
P-2399S	⅜"-18	⅜"	⅜" x 2"	109	800
P-2400S	⅜"-16	⅜"	⅜" x 2"	109	800
P-2401S	⅜"-16	⅜"	½" x 2"	156	1300
P-2402S	½"-13	⅜"	½" x 2"	156	1300
P-2403S	½"-13	½"	½" x 2"	201	1900
P-2404S	⅝"-11	½"	½" x 2"	201	1900
P-2405S	⅝"-11	⅝"	⅝" x 2"	251	2800
P-2406S	⅝"-10	⅝"	⅝" x 2"	251	2800

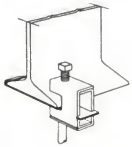


P-2398S thru P-2406S

P-2398S thru P-2406S

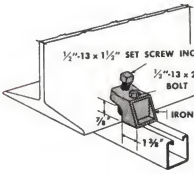


	FLANGE WIDTH	A	CLAMP USED WITH	Wt. Lbs./C
P-1654A	6"	8"	P-2675	18
P-1655A	9"	11"		25
P-1656A	6"	9"	P-1648S Series	26
P-1657A	9"	12"	and	35
P-1658A	12"	15"	P-2398S Series	44
P-1659A	6"	9"		24
P-1660A	9"	12"	P-2676	33
P-1661A	12"	15"		42



P-1654A thru P-1661A

P-1654A thru P-1661A

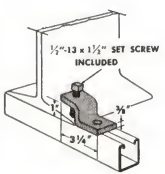


P-1054S

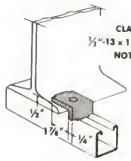
UNISTRUT CHANNEL SIZE	REC. LOAD
P-1000	600#
P-1100	500#
P-2000	450#

Wt. Lbs./C 106

Wt. Lbs./C 75



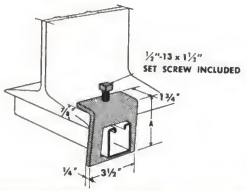
P-1379S



UNISTRUT CHANNEL SIZE	REC. LOAD
P-1000	600#
P-1100	500#
P-2000	450#

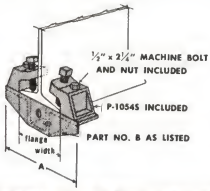
Wt. Lbs./C 27

P-1386



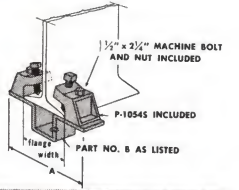
	A	Wt. Lbs./C	REC. LOAD
P-1796S	3½"	107	480#
P-3796S	3½"	100	480#
P-4796S	2⅜"	98	480#
P-5796S	4⅝"	112	480#

P-1796S, P-3796S, P-4796S & P-5796S



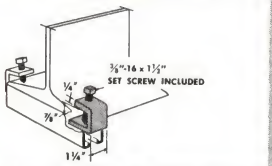
	FLANGE WIDTH	A	PART B	Wt. Lbs./C	REC. LOAD
U-78	2⅜"-4½"	7¼"	P-1055	366	1200#
U-76	3¼"-5¾"	8½"	P-1056	393	1200#
U-80	5⅛"-7¾"	10¾"	P-1057	418	1200#

U-76, U-78 & U-80



	FLANGE WIDTH	A	PART B	Wt. Lbs./C	REC. LOAD
U-79	2⅜"-4½"	7¼"	P-1048	328	1200#
U-77	3¼"-5¾"	8½"	P-1049	343	800#
U-81	5⅛"-7¾"	10¾"	P-1050	353	560#

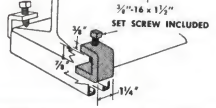
U-77, U-79 & U-81



Recommended load 450# when used in pairs.

Wt. Lbs./C 39

P-1272S



Recommended load 1000# when used in pairs.

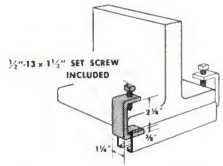
Wt. Lbs./C 62

P-1985S

beam clamps

Manufactured by UNISTRUT CORPORATION · Wayne, Michigan

GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1 7/8" on center
width — 1 5/8"
thickness — 1/4"

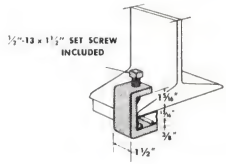


FOR ATTACHMENT TO MEMBERS ¾" TO 2" THICK

Recommended load 900# when used in pairs.

Wt. Lbs./C 83

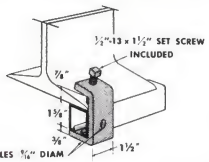
P-1986S



Recommended load 500#

Wt. Lbs./C 90

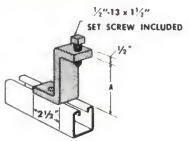
P-4271S



Recommended load 500#

Wt. Lbs./C 95

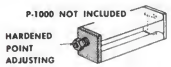
P-1271S

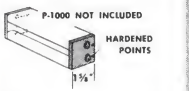


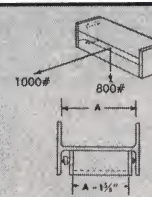
Recommended load 600#

	A	Wt. Lbs./C
P-1983S	2"	118
P-1984S	3"	139

P-1983S & P-1984S







Wt. Lbs./C 56

U-318

1⅝ channel width series

"UNISTRUT" ELECTRICAL ACCESSORIES

MATERIAL

Maple cable saddles, cable clamps and bus bar clamps are made from kiln dry maple wood and paraffin treated to a depth of ¼". Special sizes of clamps can be fabricated upon request.

Porceloin saddles and clamps are made by the dry process and white glazed.

All fittings are punch press formed from hot rolled pickled and oiled plate or strip steel.

STANDARD DIMENSIONS

The following dimensions apply to all fittings except as noted:

Hole size — ⅜" diameter
Fitting width — 1⅜"
Fitting thickness — ¼"

RACEWAY

UNISTRUT channel is listed by Underwriters' Laboratories as a surface metal raceway. Snap-in closure strip is used to complete the raceway. Accessory parts listed by Underwriters are rated on drawings.

Maximum Number of Wires

Wire Size Awg.	Raceway P-1000,-6KO P-1100,-6KO P-2000,-6KO		Raceway P-3000,-6KO		Raceway P-4000		Raceway P-5500,-6KO	
	A	B	A	B	A	B	A	B
14	6	10	5	10	4	6	10	10
12	6	10	4	10	3	6	10	10
10	5	8	4	6			8	10
8	4	6	3	4			6	8
6	2	3	2	2			4	6

Wire types AVB, R, RH, RU, RW, T or TW

Column A — Suitable for number of wires listed when installed to support and supply electric discharge type lighting fixtures when raceway wiring is suitable for at least 75°c. Wire suitable for 60°c may be used when clearance between fixtures and raceway is at least ½".

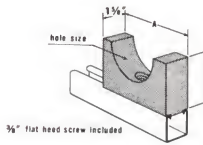
Column B — Suitable for number of wires listed when used as a raceway. Also suitable for number of wires listed when installed to support electric discharge type fixtures when raceway wiring is suitable for at least 75°c and clearance between fixtures and raceway is at least ¼".

UNISTRUT Corporation

index

GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1 7/8" on center
width — 1 5/8"
thickness — 1/4"

MAPLE CABLE SADDLES



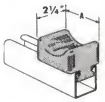
	HOLE SIZE*	A	B	Wt. Lbs./C
P-2649A	0"-1"	3"	1¾"	31
P-2649B	1"-1½"	3½"	2"	38
P-2649C	1½"-2"	4"	2¼"	47
P-2649D	2"-2½"	4½"	2½"	57
P-2649E	2½"-3"	5"	2¾"	68
P-2649F	3"-3½"	5½"	3"	80
P-2649G	3½"-4"	6"	3¼"	94
P-2649H	Over 4"			

* Specify hole size when ordering

Material: — Maple hardwood paraffin impregnated

P-2649A thru P-2649H

PORCELAIN CABLE SADDLES

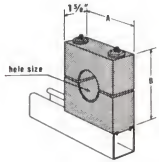


	A	MAX. CABLE DIAM.	Wt. Lbs./C
P-1753	3"	3"	82
P-1754	4"	4½"	120

Material:—Dry process porcelain white glaze

P-1753 & P-1754

MAPLE CABLE CLAMPS



3/8" STUDS, SQUARE NUTS AND WASHERS INCLUDED.

	HOLE SIZE*	A	B	Wt. Lbs./C
P-2645A	0"-1"	3½"	3½"	84
P-2645B	1"-1½"	4"	4"	102
P-2645C	1½"-2"	4½"	4½"	121
P-2645D	2"-2½"	5¼"	5½"	165
P-2645E	2½"-3"	6"	6"	189
P-2645F	3"-3½"	6½"	6½"	215
P-2645G	3½"-4"	7"	7"	243
P-2645H	Over 4"			

* Specify hole size when ordering

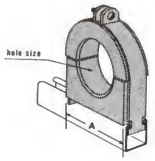
Material: — Maple hardwood paraffin impregnated

P-2645A thru P-2645H

MAPLE CABLE CLAMPS

	HOLE SIZE	A	Wt. Lbs./C
U-371	0"-¾"	1½"	24
U-372	½"-1"	2¼"	42
U-373	¾"-1½"	2¾"	54
U-374	1¼"-1¾"	3"	65
U-375	1½"-2¼"	3¾"	84
U-376	2"-2½"	4½"	107
U-377	2¼"-3"	4¾"	123
U-378	3"-4"	5¾"	163

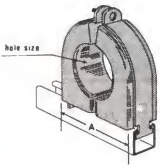
Material:—Maple hardwood
paraffin impregnated
Steel clamp with
everdur hardware



U-371 thru U-378

PORCELAIN CABLE CLAMPS

	HOLE SIZE	A	Wt. Lbs./C		HOLE SIZE	A	Wt. Lbs./C
U-462A	⅜"	1¾"	54	U-466B	2½"	4½"	259
U-462B	½"		53	U-466C	2¾"		252
U-462C	⅝"		51	U-467	2¾"	5¼"	347
U-463	¾"	2¾"	94	U-467A	2¾"		336
U-463A	¾"		89	U-467B	3"		325
U-463B	1"		84	U-467C	3¼"		314
U-463C	1⅛"		81	U-468	3¼"	6⅛"	495
U-464	1¼"	2¾"	111	U-468A	3⅜"		480
U-464A	1⅜"		114	U-468B	3½"		465
U-464B	1½"		119	U-468C	3⅝"		450
U-464C	1¾"		122	U-469	3¾"	7¼"	712
U-465	1¾"	4"	238	U-469A	3¾"		696
U-465A	1¾"		232	U-469B	4"		683
U-465B	2"		221	U-469C	4¼"		670
U-465C	2¼"		217	U-470	4¼"		645
U-466	2¼"	4½"	274	U-470A	4⅜"		632
U-466A	2½"		267	U-470B	4½"		617



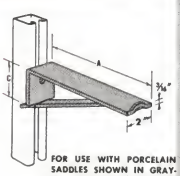
Material:—Dry process porcelain
white glaze
Steel clamp with
everdur hardware

U-462A thru U-470B

PORCELAIN CABLE SADDLE BRACKETS

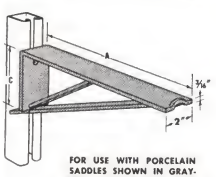
	A	C	Wt. Lbs./C
P-1601	4½"	2¾"	108
P-1602	8½"	2¾"	163
P-1603	12½"	4"	254
P-1604	18"	4"	402

	DESIGN UNIFORM LOAD		
	P-1000	P-1100	P-2000
P-1601	1000#	700#	500#
P-1602	500#	350#	250#
P-1603	700#	490#	350#
P-1604	450#	310#	220#



FOR USE WITH PORCELAIN SADDLES SHOWN IN GRAY-BAR CATALOG #104 PAGE 830. NUMBERS 2122 & 2123

P-1601 & P-1602

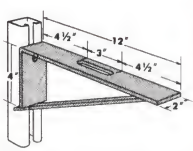


FOR USE WITH PORCELAIN SADDLES SHOWN IN GRAY-BAR CATALOG #104 PAGE 830. NUMBERS 2122 & 2123

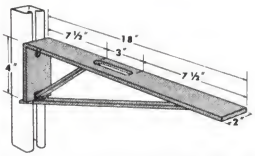
P-1603 & P-1604

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1-7/8" on center
width — 1-5/8"
thickness — 1/4"

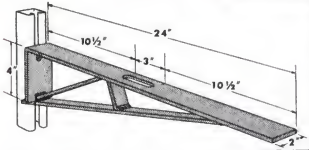


Wt. Lbs./C 218
Wt. Lbs./C 327



P-2554

P-2555

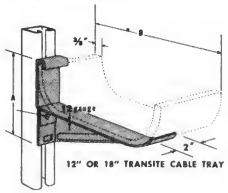


P-2556

CABLE TRAY BRACKETS

	DESIGN UNIFORM LOAD		
	P-1000	P-1100	P-2000
P-2554	750#	520#	370#
P-2555	600#	420#	300#
P-2556	450#	310#	220#

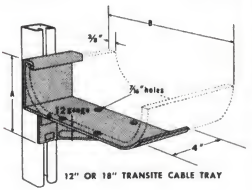
Wt. Lbs./C 628



P-2456-12 & P-2456-18

CABLE TRAY BRACKET

	A	B	Wt. Lbs./C	DESIGN UNIFORM LOAD P-1000	P-1100	P-2000
P-2456-12	6¾"	13"	220	480#	400#	320#
P-2456-18	8¼"	19"	388	540#	450#	360#



P-2457-12 & P-2457-18

CABLE TRAY BRACKET

	A	B	Wt. Lbs./C	DESIGN UNIFORM LOAD P-1000	P-1100	P-2000
P-2457-12	6¾"	13"	307	480#	400#	320#
P-2457-18	8¼"	19"	503	540#	450#	360#

electrical fittings

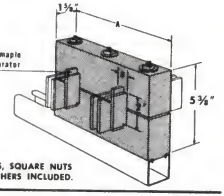
Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1-7/8" on center
width — 1-5/8"
thickness — 1/4"

2" BUS BAR MAPLE CLAMPS

	A	B	C*	D†	Wt. Lbs./C
P-2646A	8½"	⅜"	0	1	319
P-2646B	9½"	¾"	2	2	349
P-2646C	10½"	1⅛"	4	3	379
P-2646D	11½"	1⅜"	6	4	409
P-2646E	12½"	2⅛"	8	5	439
P-2646F	13½"	2¼"	10	6	469

* Number bus separators
† Number bars per leg

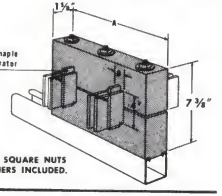


P-2646A thru P-2646F

4" BUS BAR MAPLE CLAMPS

	A	B	C*	D†	Wt. Lbs./C
P-2647A	8½"	⅜"	0	1	421
P-2647B	9½"	¾"	2	2	465
P-2647C	10½"	1⅛"	4	3	509
P-2647D	11½"	1⅜"	6	4	553
P-2647E	12½"	2⅛"	8	5	597
P-2647F	13½"	2¼"	10	6	631

* Number bus separators
† Number bars per leg

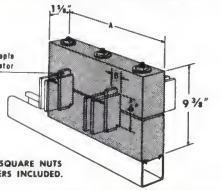


P-2647A thru P-2647F

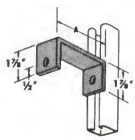
6" BUS BAR MAPLE CLAMPS

	A	B	C*	D†	Wt. Lbs./C
P-2648A	8½"	⅜"	0	1	515
P-2648B	9½"	¾"	2	2	568
P-2648C	10½"	1⅛"	4	3	621
P-2648D	11½"	1⅜"	6	4	674
P-2648E	12½"	2⅛"	8	5	727
P-2648F	13½"	2¼"	10	6	780

* Number bus separators
† Number bars per leg



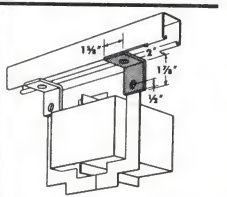
P-2648A thru P-2648F



	A	Wt. Lbs./C
P-1481	2⅝"	59
P-1482	3⅛"	77
P-1483	4⅛"	88

Wt. Lbs./C 38

P-1481 thru P-1483

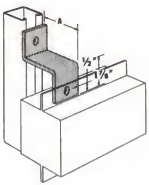


P-1485

electrical fittings

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1-7/8" on center
width — 1-5/8"
thickness — 1/4"

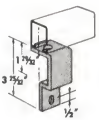


BUS DUCT "Z" CONNECTION

	A	Wt. Lbs./C
P-1508	2⅜"	61
P-1509	3⅜"	77
P-1510	4⅜"	85

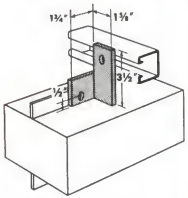
BUS DUCT CUP SUPPORT

	Wt. Lbs./C
P-1511	64

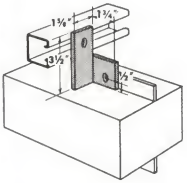


P-1508 thru P-1510

P-1511



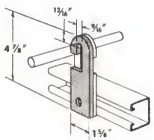
Wt. Lbs./C 58



Wt. Lbs./C 58

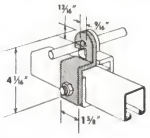
P-1484L

P-1484R



NOTE:
Following parts required for above application.
2 pcs. P-1971

Wt. Lbs./C 44



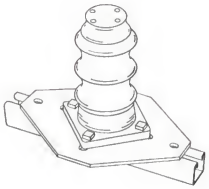
Wt. Lbs./C 44

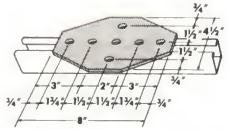
NOTE:
Following parts required for above application.

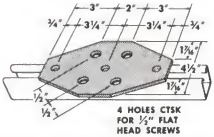
2 pcs. P-1972
1 pc. P-1317
2 pcs. ½" hex nuts

P-1971

P-1972





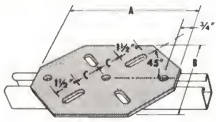


Wt. Lbs./C 190

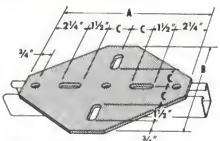
Wt. Lbs./C 190

P-1797

P-1798



SLOT SIZE ⅜" x 1½"



SLOT SIZE 11/16" x 1½"

	A	B	C	Wt. Lbs./C
P-1801	9"	6"	1½"	288
P-1802	11"	8"	2¾"	488

P-1801 & P-1802

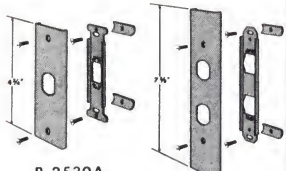
	A	B	C	Wt. Lbs./C
P-1799	10½"	7½"	1½"	364
P-1800	13"	10"	2¾"	578

P-1799 & P-1800

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

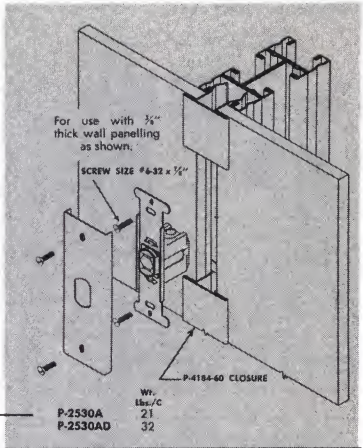
SWITCH OR OUTLET PLATE

COVER PLATE, MOUNTING STRAP, #6 SCREWS, AND NUTS INCLUDED.



P-2530A P-2530AD

To be used with: —
T-1320 or 1320 15 amp. outlet
QT-1 or 1317 15 amp. single pole switch
QT-3 or ACD3 15 amp. three-way switch
QST-91 or ACD201 20 amp. single pole switch
QST-93 or ACD203 20 amp. three-way switch
As manufactured by Arrow-Hart & Hegeman Electric Co., or Pass & Seymour, Inc.

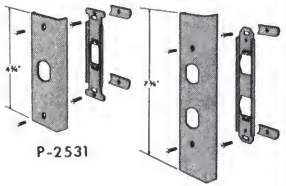


	Wt. Lbs./C
P-2530A	21
P-2530AD	32

P-2530A & P-2530AD

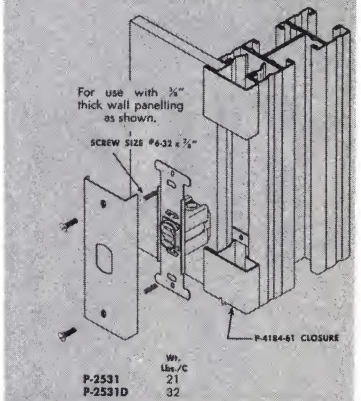
SWITCH OR OUTLET PLATE

COVER PLATE, MOUNTING STRAP, #6 SCREWS, AND NUTS INCLUDED.



P-2531 P-2531D

To be used with: —
T-1320 or 1320 15 amp. outlet
QT-1 or 1317 15 amp. single pole switch
QT-3 or ACD3 15 amp. three-way switch
QST-91 or ACD201 20 amp. single pole switch
QST-93 or ACD203 20 amp. three-way switch
As manufactured by Arrow-Hart & Hegeman Electric Co., or Pass & Seymour, Inc.



	Wt. Lbs./C
P-2531	21
P-2531D	32

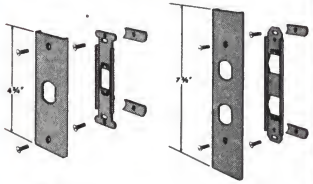
P-2531 & P-2531D

switch plates

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

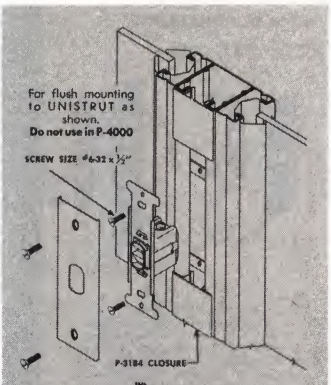
SWITCH OR OUTLET PLATE

COVER PLATE, MOUNTING STRAP, #6 SCREWS, AND NUTS INCLUDED.



P-2530 P-2530D

To be used with: —
T-1320 or 1320 15 amp. outlet
QT-1 or 1317 15 amp. single pole switch
QT-3 or ACD3 15 amp. three-way switch
QST-91 or ACD201 20 amp. single pole switch
QST-93 or ACD203 20 amp. three-way switch
As manufactured by Arraw-Hart & Hegeman Electric Co., ar Poss & Seymour, Inc.

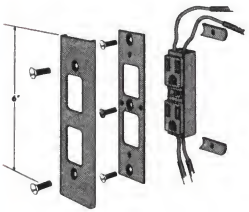


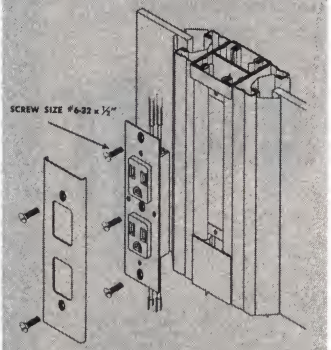
	Wt. Lbs./C
P-2530	21
P-2530D	32

P-2530 & P-2530D

DUPLEX GROUNDED OUTLET

COVER PLATE, MOUNTING STRAP, OUTLET, #6 SCREWS, AND NUTS INCLUDED.

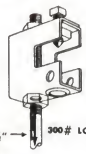




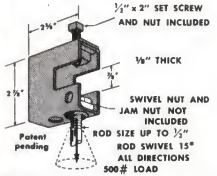
Wt. Lbs./C 40

BEAM ATTACHMENTS APPLICATIONS

P-2676



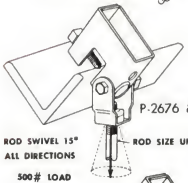
Clamp P-2676 provides a means of rod suspension where a free swing of up to 15° is required. Clamp will accommodate ¼", ⅜", or ½" rods. Order swivel nuts P-2679-4,-6, and -8 as required. Clamp may also be used with P-2677 or P-2683 as illustrated in application drawings.



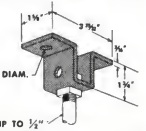
Wt. Lbs./C 72

P-2676

P-2676 & P-2677



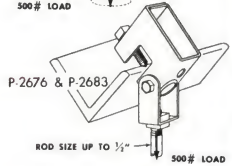
Hanger clevis for up to ½" rod suspension from wood ceilings. May also be used with P-2677 or P-2683 as illustrated in application drawings.



Wt. Lbs./C 32

P-2682

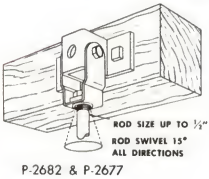
P-2676 & P-2683



Swivel nuts are used with P-2676 and P-2677. Order size as required.

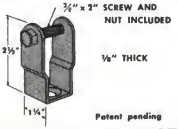
	THRD SIZE	Wt. Lbs./C
P-2679-4	¼" - 20	4
P-2679-6	⅜" - 16	5
P-2679-8	½" - 13	6

P-2679-4,-6,-8



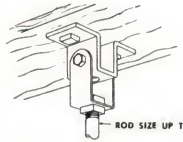
P-2682 & P-2677

Clevis hanger to be used with P-2676 or P-2682 to provide angle adjustment and 15° free swing for up to ⅜" rod suspension. Order swivel nuts P-2679-4,-6, and -8 as required.



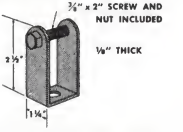
Wt. Lbs./C 30

P-2677



P-2682 & P-2683

Clevis hanger to be used with P-2676 or P-2682 to provide angle adjustment for up to ½" rod suspension.



Wt. Lbs./C 31

P-2683

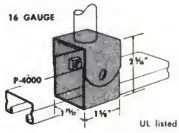
fluorescent fixture fittings

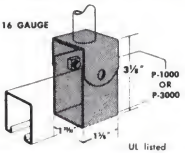
Manufactured by UNISTRUT CORPORATION · Wayne, Michigan

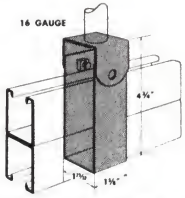
GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1-7/8" on center
width — 1-5/8"
thickness — 1/4"

"UNISTRUT" HANGER FITTINGS

Hanger fittings are for the suspension of UNISTRUT for raceway and support of fluorescent fixtures.







For ⅜" or ½" conduit use P-2336 For ¾" rod or ½" conduit use P-2336A	Wt. Lbs./C
P-2336	33
P-2336A	31

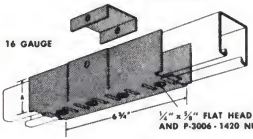
For ⅜" or ½" conduit use P-2335 For ¾" rod or ½" conduit use P-2335A	Wt. Lbs./C
P-2335	38
P-2335A	36

For ⅜" or ½" conduit use P-2408 For ⅜" rod or ½" conduit use P-2408A	Wt. Lbs./C
P-2408	47
P-2408A	45

P-2336 & P-2336A **P-2335 & P-2335A** **P-2408 & P-2408A**

SPLICE FITTINGS

Splice fittings are for joining UNISTRUT raceway.

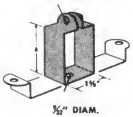


	SPLICE FOR	A	Wt. Lbs./C
U-922	P-1000 P-1100 P-2000	1⅝"	100
U-923	P-3000	1⅜"	97
U-924	P-4000	9/16"	80
U-925	P-5500	1⅜"	103

U-922 thru U-925

FIXTURE HANGER FITTINGS

Fluorescent hanger fittings provide a means of mounting fixtures to UNISTRUT. They are shipped in the flat and are easily bent to form around the UNISTRUT channel.

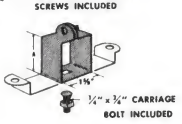


18 GAUGE UL listed

	UNISTRUT CHANNEL SIZE	A	Wt. Lbs./C
P-2537	P-1000 P-1100 P-2000 P-3000	2⅛"	17
P-5537	P-5500	2⅞"	20

Provides ⅛" space between UNISTRUT channel and fixture.

	UNISTRUT CHANNEL SIZE	A	Wt. Lbs./C
P-2539	P-1000 P-1100 P-2000	1¾"	17
P-3539	P-3000	1½"	15
P-5539	P-5500	2⅛"	18



18 GAUGE UL listed

Provides ⅛" space between UNISTRUT channel and fixture.

P-2537 & P-5537 **P-2539, P-3539 & P-5539**

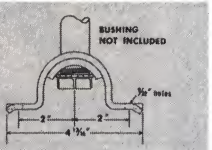
GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1-7/8" on center
width — 1-5/8"
thickness — 1/4"

fluorescent fixture fittings

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

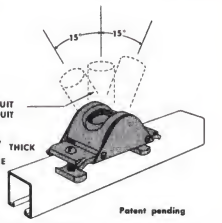
Conduit hanger fittings allow a free swivel of 15° in one direction. Fitting may be mounted to the slot side of the UNISTRUT channel or to the back.

CONDUIT SWING FITTING



Section thru fitting showing curved nut to provide swivel.

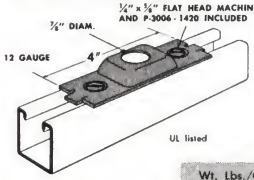
Wt. Lbs./C 96



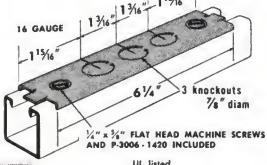
P-2534-50, -75

½" CONDUIT CONNECTION FITTING

½" conduit hanger fitting for rigid attachment to UNISTRUT channel.



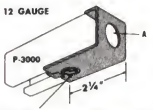
OUTLET BOX CONNECTION FITTING



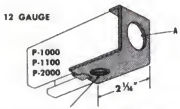
Wt. Lbs./C 28 Wt. Lbs./C 35

P-2535 P-2522

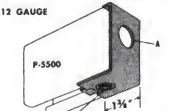
END CONNECTOR ½" AND ¾" CONDUIT



¼" x ¾" FLAT HEAD MACHINE SCREWS AND P-3006 - 1420 INCLUDED
UL listed



¼" x ¾" FLAT HEAD MACHINE SCREW AND P-3006 - 1420 INCLUDED
UL listed



¼" x ¾" FLAT HEAD MACHINE SCREWS AND P-3006 - 1420 INCLUDED
UL listed

	CONDUIT SIZE A	Wt. Lbs./C
P-3521-50	½"	27

	CONDUIT SIZE A	Wt. Lbs./C
P-2521-50	½"	24
P-2521-75	¾"	22

	CONDUIT SIZE A	Wt. Lbs./C
P-5521-50	½"	32
P-5521-75	¾"	30

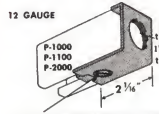
P-3521-50 P-2521-50 & P-2521-75 P-5521-50 & P-5521-75

fluorescent fixture fittings

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA
hole size — 9/35" diameter
hole spacing — 13/16" from end
1-7/8" on center
width — 1-5/8"
thickness — 1/4"

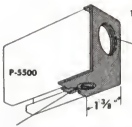
END CONNECTOR FOR 1" CONDUIT



¼" x ⅜" FLAT HEAD MACHINE SCREW AND P-3006 - 1420 INCLUDED

UL listed

	Wt. Lbs./C
P-2521-100	24
P-5521-100	28



¼" x ⅜" FLAT HEAD MACHINE SCREW AND P-3006 - 1420 INCLUDED

UL listed

P-2521-100 **P-5521-100**

WIREWAY END CAPS

UL listed

	UNISTRUT CHANNEL SIZE	Wt. Lbs./C
P-1180W	P-1100	12
P-1280W	P-1000	11
P-2280W	P-2000	11
P-3280W	P-3000	15
P-4280W	P-4000	5
P-5580W	P-5500	18
	Wt. Lbs./C	21

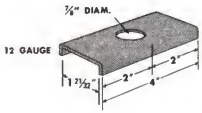
½" WIRING STUD NUT

½" AMER. STD. STRAIGHT PIPE THD.

UL listed **Patent pending**

P-1180W, P-1280W, P-2280W , P-3280W & P-5580W **P-2540**

SPACER CLEVIS

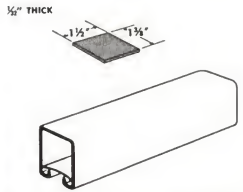


UL listed

	Wt. Lbs./C
P-2541	24
P-2552	0.30

FIBRE WIRE RETAINER

Fibre retainer may be easily pushed into UNISTRUT channel to support wires until closure strip is installed.



P-2541 **P-2552**

1 5/8 channel width series

"UNISTRUT" BUILDING ITEMS

CONCRETE INSERTS

UNISTRUT concrete inserts are manufactured from standard UNISTRUT sections. They may be installed in floors, walls or ceilings for the support of all kinds of piping, conduit and cable, and other industrial equipment. UNISTRUT nuts can be inserted anywhere along the length of the insert providing a means of attaching fittings or rods. Inserts are available in plain, greenamel or hot dipped galvanized finish.

PARTITIONS AND DISPLAY FITTINGS

UNISTRUT parts for partitions are punch press formed from hot rolled pickled and oiled plate or strip steel. The partition moulding (P-2584) is carefully roll formed from zinc bonderized strip steel. Other parts and framing members are available in plain or greenamel finish unless otherwise noted. Other catalogs illustrating details of construction are available on request.

UNISTRUT Corporation

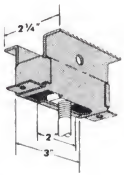
index

concrete inserts

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA

hole size	9/16" diameter
hole spacing	13/16" from end 1-7/8" on center
width	1 5/8"
thickness	1/4"



The spot type insert is designed for economical installation in concrete when ¼", ⅜" or ½" size attachment or hanger rod is required. Nail holes are provided for nailing to wood forms and V-slots for quick centering.

Insert takes standard ½" square nut
For ¼" nut order P-3245-N4
For ⅜" nut order P-3245-N6

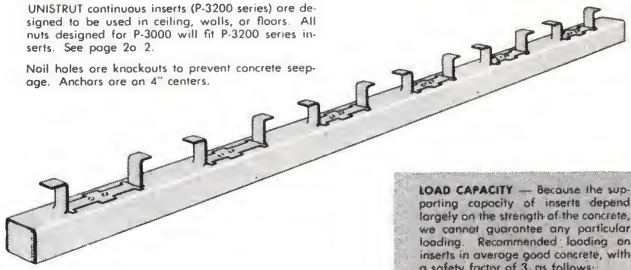
LOAD CAPACITY — 1000 lbs in average good concrete with safety factor of 3

Wt. Lbs./C 54

P-3245 SPOT INSERTS

UNISTRUT continuous inserts (P-3200 series) are designed to be used in ceiling, walls, or floors. All nuts designed for P-3000 will fit P-3200 series inserts. See page 2o 2.

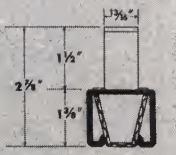
Nail holes are knockouts to prevent concrete seepage. Anchors are on 4" centers.



LOAD CAPACITY — Because the supporting capacity of inserts depend largely on the strength of the concrete, we cannot guarantee any particular loading. Recommended loading on inserts in average good concrete, with a safety factor of 3, as follows:
P-3249—500 lbs. P-3251—1000 lbs.
P-3250—800 lbs. P-3252—1200 lbs.
P-3253 through P-3270 — 2000 lbs. in each foot of length.

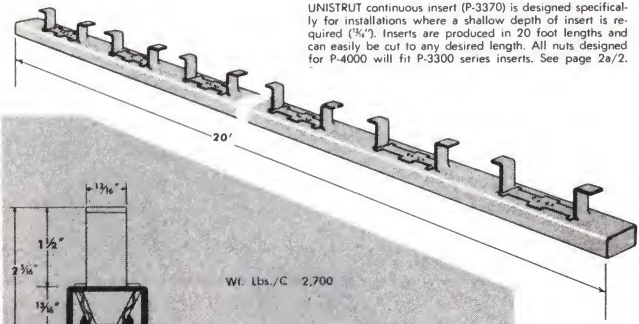
NOTE: All insert lengths ¾" tolerance

	LGTH	Wt. Lbs./C		LGTH	Wt. Lbs./C		LGTH	Wt. Lbs./C
P-3249	3"	85	P-3257	32"	527	P-3264	9'	1741
P-3250	4"	100	P-3257A	36"	616	P-3265	10'	1947
P-3251	6"	130	P-3258	40"	661	P-3266	12'	2334
P-3252	8"	159	P-3259	4'	786	P-3267	14'	2717
P-3253	12"	227	P-3260	5'	1003	P-3268	16'	3116
P-3254	16"	270	P-3261	6'	1173	P-3269	18'	3530
P-3255	20"	357	P-3262	7'	1390	P-3270	20'	3882
P-3256	24"	399	P-3263	8'	1560			



Waxed cardboard filler (P-3712) to keep concrete from flowing into slot is available. Specify if desired.

P-3249 thru P-3270 CONTINUOUS INSERTS



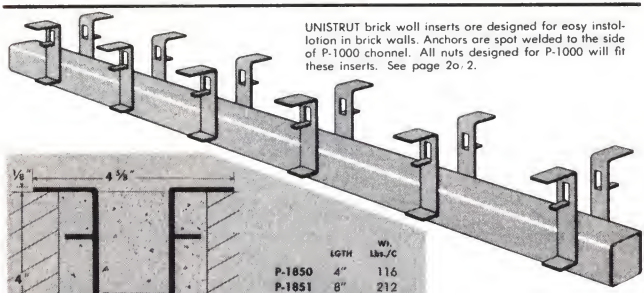
UNISTRUT continuous insert (P-3370) is designed specifically for installations where a shallow depth of insert is required (¾"). Inserts are produced in 20 foot lengths and can easily be cut to any desired length. All nuts designed for P-4000 will fit P-3300 series inserts. See page 2a/2.

Wt. Lbs./C 2,700

Waxed cardboard filler (P-3312) to keep concrete from flowing into slot is included in insert.

LOAD CAPACITY—Recommended loading in average good concrete with a safety factor of 3 is 1500# per foot of insert.

CONTINUOUS INSERTS P-3370



UNISTRUT brick wall inserts are designed for easy installation in brick walls. Anchors are spot welded to the side of P-1000 channel. All nuts designed for P-1000 will fit these inserts. See page 2a/2.

Waxed cardboard filler (P-1712) to keep concrete from flowing into slot is included in inserts.

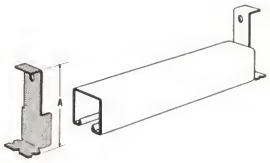
	LGTH	Wt. Lbs./C
P-1850	4"	116
P-1851	8"	212
P-1852	12½"	280
P-1853	16½"	380
P-1854	21"	457
P-1855	25"	590
P-1856	33½"	665
P-1857	42"	895
P-1858	50½"	1166
P-1859	59"	1272

BRICK WALL INSERTS P-1850 thru P-1859

concrete inserts

Manufactured by UNISTRUT CORPORATION · Wayne, Michigan

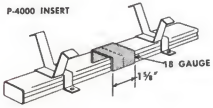
GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1-7/8" on center
width — 1-5/8"
thickness — 1/4"

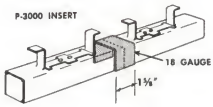


End cap anchors are designed for use with short pieces of UNISTRUT to form concrete inserts.

	UNISTRUT CHANNEL SIZE	A	Wt. Lbs./C
P-1703	P-1000	2 13/16"	30
P-1704	P-1000	3 11/16"	37
P-3704	P-3000	3"	20
P-4703	P-4000	2 3/4"	27

P-1703, P-1704, P-3704 & P-4703





Parts P-3663 and P-4663 are designed to be used to cover joints between inserts when they are butted end to end.

P-4663	P-3663
Wt. Lbs./C 6	Wt. Lbs./C 10

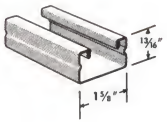
partition & display fittings

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

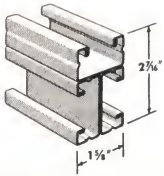
GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1-7/8" on center
width — 1-5/8"
thickness — 1/4"

	MATERIAL THICKNESS	STANDARD FINISH	Wt. Lbs./C Ft.
P-4000	.055"	greenamel	85
P-4001	.055"	greenamel	170
P-2000	.055"	greenamel	115
P-4003	.055"	greenamel	255
P-42001-C	.055"	greenamel	200
P-4004	.055"	greenamel	340
P-42002	.055"	greenamel	285

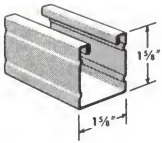
Standard length — 10, 17 and 20 feet



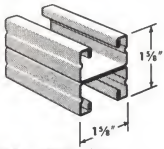
P-4000



P-4003

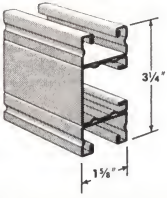


P-2000

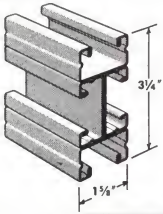


P-2598-4 — 4' 0 3/4" long

P-4001



P-42002



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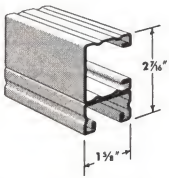
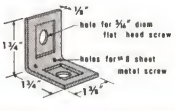


P-42001-C



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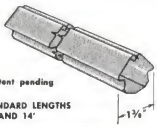

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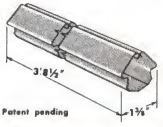


P-2599-4

Standard finish electro-galvanized
Wt. Lbs./C 15

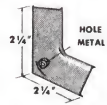
Standard finish zinc bonderized
Wt. Lbs./C Ft. 20

Standard finish zinc bonderized
Wt. Lbs./C 74

partition & display fittings

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1 7/8" on center
width — 1 5/8"
thickness — 1/4"



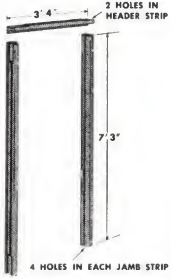
	PANEL THICKNESS	Wt. Lbs./C
P-2571	⅛"	4
P-2573	3/16"	4
P-2575	¼"	4

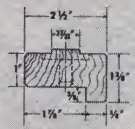
Standard finish electro-galvanized

Wt. Lbs./C 7

P-2571, P-2573, & P-2575

P-2562

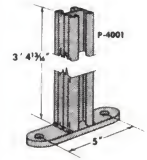




P-2581 wood door jamb for 3' by 7' door, 1¾" or 1¾" thick.

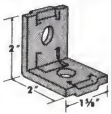
Wt. Lbs./C 800

Wt. Lbs./C 642



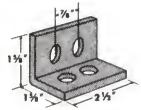
P-2581

P-2586



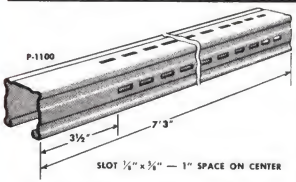
Wt. Lbs./C 40

Wt. Lbs./C 45



P-2626

P-2627



Wt. Lbs./C 1017

Wt. Lbs./C 32

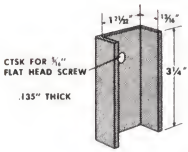
P-2630

P-2641

partition & display fittings

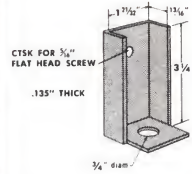
Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA
hole size — 9/16" diameter
hole spacing — 13/16" from end
1 7/8" on center
width — 1 5/8"
thickness — 1/4"

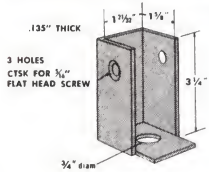


Wt. Lbs./C 34
Wt. Lbs./C 42

P-2590

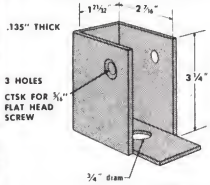


P-2591

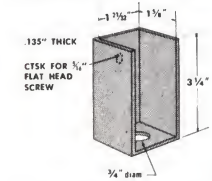


Wt. Lbs./C 62
Wt. Lbs./C 73

P-2592

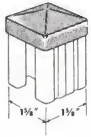


P-2593



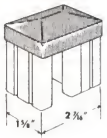
Wt. Lbs./C 59
Wt. Lbs./C 12

P-2594



Standard finish electro-galvanized

P-2660

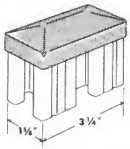


Standard finish electro-galvanized

P-2661

typical cross section for P-2660, P-2661, and P-2662

Wt. Lbs./C 15
Wt. Lbs./C 17



Standard finish electro-galvanized

P-2662

numerical index

numerical index

numerical index

P-2456-18	5a/4
P-2457-12	5a/4
P-2457-18	5a/4
P-2469	3d/2
P-2470-50	3k/1
P-2470-75	3k/1
P-2470-100	3k/1
P-2471	3a/2
P-2472	3f/2
P-2473	3e/3
P-2474	4c/1
P-2474-1 thru 4	4c/1
P-2475	4c/1
P-2476	4c/2
P-2480	3k/3
P-2481	4b/1
P-2482	4b/1
P-2491 R & L	3m/1
P-2492 R & L	3m/1
P-2393 R & L	3m/1
P-2494 R & L	3m/1
P-2495 R & L	3m/1
P-2496 R & L	3m/1
P-2497 R & L	3m/1
P-2498 R & L	3m/1
P-2499R & L	3m/1
P-2500R & L	3m/1
P-2501R & L	3m/1
P-2502R & L	3m/1
P-2503R & L	3m/1
P-2513	3m/4
P-2513A	3m/4
P-2514	3m/4
P-2514A	3m/4
P-2515	3m/4
P-2515A	3m/4
P-2516	3m/4
P-2516A	3m/4
P-2521-50	5c/3
P-2521-75	5c/3
P-2521-100	5c/4
P-2522	5c/3
P-2530, D	5b/2
P-2530A, D	5b/1
P-2531, D	5b/1
P-2534-50	5c/3
P-2534-75	5c/3
P-2535	5c/3
P-2537	5c/2
P-2539	5c/2
P-2540	5c/4
P-2541	5c/4
P-2542	3m/5
P-2543	3m/5
P-2544	3m/5
P-2545	3m/5
P-2546	3m/5
P-2552	5c/4
P-2554	3m/5 & 5a/4
P-2555	3m/5 & 5a/4
P-2556	3m/5 & 5a/4
P-2558-5 thru 60	4a/4
P-2562	6b/2
P-2571	6b/2
P-2573	6b/2
P-2575	6b/2
P-2581	6b/2
P-2582	6b/1
P-2586	6b/2
P-2590	6b/3
P-2591	6b/3
P-2592	6b/3
P-2593	6b/3
P-2594	6b/3
P-2598-4	6b/1
P-2599-4	6b/1
P-2626	6b/2 & 3b/1
P-2627	6b/2
P-2630	6b/2
P-2641	6b/2 & 3l/1
P-2644-20 thru 80	4b/2
P-2645-A thru H	5a/2
P-2646-A thru F	5a/5
P-2647-A thru F	5a/5
P-2648-A thru F	5a/5
P-2649-A thru H	5a/2
P-2655	3k/1
P-2660	6b/3
P-2661	6b/3
P-2662	6b/3
P-2674	4d/1
P-2675	4d/1
P-2676	5c/1 & 4d/1
P-2677	5c/1
P-2679-4	5c/1 & 4d/1
P-2679-6	5c/1 & 4d/1
P-2679-8	5c/1 & 4d/1
P-2682	5c/1
P-2683	5c/1 & 4d/1
P-3045	3d/2
P-3047	3e/2
P-3245	6a/2
P-3245-N4	6a/2
P-3245-N6	6a/2
P-3249	6a/2
P-3250	6a/2
P-3251	6a/2
P-3252	6a/2
P-3253	6a/2
P-3254	6a/2
P-3255	6a/2
P-3256	6a/2
P-3257	6a/2
P-3257A	6a/2
P-3258	6a/2
P-3259	6a/2
P-3260	6a/2
P-3261	6a/2
P-3262	6a/2
P-3263	6a/2
P-3264	6a/2
P-3265	6a/2
P-3266	6a/2
P-3267	6a/2
P-3268	6a/2
P-3269	6a/2
P-3270	6a/2
P-3280	3l/1
P-3280W	5c/4
P-3370	6a/3
P-3521-50	5c/3
P-3539	5c/2
P-3663	6a/4
P-3704	6a/4
P-3796S	4d/3
P-4043	3e/3
P-4044	3e/1
P-4045	3d/1
P-4047	3e/2
P-4048	3e/4 & 3h/1
P-4049	3e/4 & 3h/1
P-4050	3e/4 & 3h/1
P-4075	3m/3
P-4120	3d/1
P-4271S	4d/4
P-4280	3l/1
P-4320	3e/5 & 3i/1
P-4347	3d/1
P-4349A	3k/2
P-4350A	3k/2
P-4350B	3k/2
P-4351A	3k/2
P-4360	3d/1
P-4376	3e/1
P-4376A	3e/1
P-4377	3e/1
P-4383	3e/2
P-4480	3d/4 & 3h/1
P-4543A	3g/1
P-4543B	3g/1
P-4663	6a/4
P-4703	6a/4
P-4796S	4d/3
P-5520	3d/1
P-5521-50	5c/3
P-5521-75	5c/3
P-5521-100	5c/4
P-5537	5c/2
P-5539	5c/2
P-5545	3d/2
P-5547	3e/2
P-5560	3d/1
P-5580	3l/1
P-5580W	5c/4
P-5796S	4d/3
P-46026	3k/4
P-46045	3k/4
P-46065	3k/4
P-46066	3k/4
P-46072	3k/4
U-76	4d/3
U-77	4d/3
U-78	4d/3
U-79	4d/3
U-80	4d/3
U-81	4d/3
U-318	4d/4
U-371	5a/3
U-372	5a/3
U-373	5a/3
U-374	5a/3
U-375	5a/3
U-376	5a/3
U-377	5a/3
U-378	5a/3
U-462A	5a/3
U-462B	5a/3
U-462C	5a/3
U-463	5a/3
U-463A	5a/3
U-463B	5a/3
U-463C	5a/3
U-464	5a/3
U-464A	5a/3
U-464B	5a/3
U-464C	5a/3
U-465	5a/3
U-465A	5a/3
U-465B	5a/3
U-465C	5a/3
U-466	5a/3
U-466A	5a/3
U-466B	5a/3
U-466C	5a/3
U-467	5a/3
U-467A	5a/3
U-467B	5a/3
U-467C	5a/3
U-468	5a/3
U-468A	5a/3

numerical index

1¼ channel width series

"UNISTRUT" CHANNELS AND COMBINATIONS

MATERIAL AND FINISHES

All single UNISTRUT members in the 1¼" series are accurately and carefully rolled from mild strip steel. All multiple members are two or more standard UNISTRUT members spot welded approximately 2" to 3" on center. All channels are available in plain or greenamel finish.

MATERIAL THICKNESS

A-1000 — .075"
A-4000 — .040"
A-5000 — .075"

STANDARD LENGTHS

Standard lengths are as follows:

A-1000 and combinations — 10 and 20 feet
A-4000 and combinations — 8 and 16 feet
A-5000 and combinations — 10 and 20 feet

Facilities are available to cut standard lengths into any special lengths for a small cutting charge. Standard tolerance is plus or minus ⅛".

"UNISTRUT" NUTS AND BOLTS

MATERIAL AND FINISHES

UNISTRUT nuts for the 1¼" series are manufactured from mild steel bars and are thoroughly cyanide hardened. Hardening assures positive biting action into the inturned edge of the UNISTRUT. Nuts and bolts are available in plain or electro-galvanized finish.

THREADS

All threads on the nuts and bolts are Unified and American screw threads.

"UNISTRUT" FITTINGS

MATERIAL AND FINISHES

Unless otherwise noted, all UNISTRUT fittings are punch press formed from hot rolled pickled and oiled plate or strip steel. They are available in plain or greenamel finish.

STANDARD DIMENSIONS

The following dimensions apply to all fittings except as noted on the parts drawings:

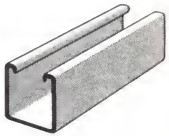
Hole size — $\frac{13}{32}$" diameter
Hole spacing — ½" from end of fitting
— 1½" center to center
Fitting width — 1¼"
Fitting thickness — ⅛"

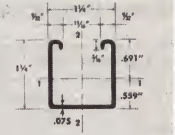
UNISTRUT Corporation

index

A-1000 & A-5000 channels & combinations

Manufactured by UNISTRUT CORPORATION · Wayne, Michigan



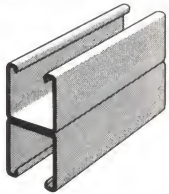


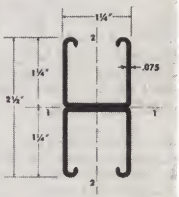
A-1000

Wt. Lbs./C Ft. 110

A-1000 channel and combinations are roll formed from 14 gauge (.075 thick) strip steel.

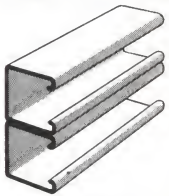
Standard lengths 10 and 20 feet.



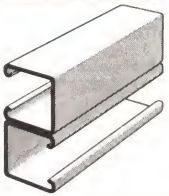


A-1001

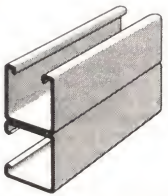
Wt. Lbs./C Ft. 220



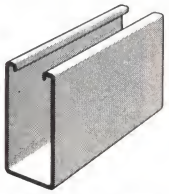
A-1001-A



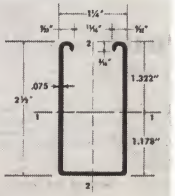
A-1001-B



A-1001-C



A-5000



Wt. Lbs./C Ft. 170

A-5000 channel combination is roll formed from 14 gauge (.075 thick) strip steel.

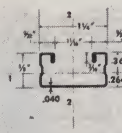
Standard lengths 10 and 20 feet.

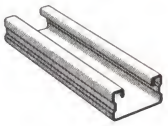
A-4000 channel & combinations 1a/3

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

A-4000 channel and combinations are roll formed from .040 thick strip steel.

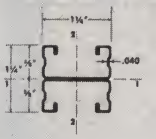
Standard lengths 8 and 16 feet.

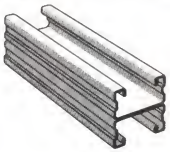




Wt. Lbs./C Ft. 50

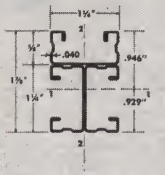
A-4000

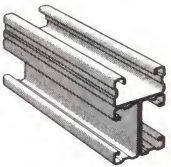




Wt. Lbs./C Ft. 100

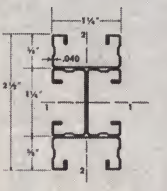
A-4001

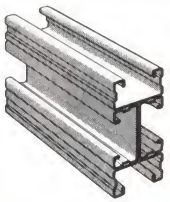




Wt. Lbs./C Ft. 150

A-4003





Wt. Lbs./C Ft. 200

A-4004

1b/1 engineering data - channel & combinations

Manufactured by UNISTRUT CORPORATION · Wayne, Michigan

BEAM LOADS:

Allowable uniformly distributed loads are listed for various simple spans, that is, beam on two supports. If load is concentrated at center of span, multiply load from table by 0.5 and corresponding deflection by 0.8.

Stress 25,000 #/sq. in. — Recommended for use where deflection is not a factor on long spans.
Deflection 1/180 span — Recommended for use generally to avoid undue deflections.
Deflection 1/360 span — Recommended for use where the amount of deflection is required to be imperceptible.

COLUMN LOADS:

Column loadings are for allowable axial loads for the unsupported heights listed. If loads are eccentric, loads should be reduced according to standard practice.

BEAM AND COLUMN DATA:

BEAM SPAN OR COLUMN UNSUPPORTED HEIGHT	SECTION NUMBER	UNIFORM LOAD AT 25,000 PSI STRESS	DEFLECTION AT 25,000 PSI STRESS	UNIFORM LOAD @ MAX. DEFLECTION = 1/180 SPAN	UNIFORM LOAD @ MAX. DEFLECTION = 1/360 SPAN	MAX. LOADING OF COLUMN
18"	A-4000	245	.08		160	1,500
	A-4001	660	.04			4,100
	A-1000	1000	.04			5,800
	A-4003					
	A-4004					
	A-1001					
	A-5000					
24"	A-4000	185	.14	180	90	1,100
	A-4001	500	.08		420	3,400
	A-1000	750	.07		680	4,600
	A-4003					
	A-4004					
	A-1001	2085	.04			11,500
	A-5000	2285	.04			5,200
30"	A-4000	145	.21	110	55	880
	A-4001	400	.12		270	2,800
	A-1000	600	.11		440	4,000
	A-4003	1025	.08			5,000
	A-4004					
	A-1001	1665	.06			10,600
	A-5000	1825	.06			4,400
36"	A-4000	120	.31	80	40	680
	A-4001	330	.18		180	2,400
	A-1000	500	.16		310	3,200
	A-4003	855	.12		720	4,000
	A-4004					
	A-1001	1390	.09			9,000
	A-5000	1520	.08			3,600
42"	A-4000	105	.42	60	30	500
	A-4001	285	.24	260	130	2,000
	A-1000	430	.22		225	2,700
	A-4003	735	.16		530	3,200
	A-4004					
	A-1001	1190	.12		1140	8,000
	A-5000	1305	.11			3,200
48"	A-4000	90	.55	40	20	400
	A-4001	250	.31	200	100	1,700
	A-1000	375	.29	340	170	2,350
	A-4003	640	.21		405	2,600
	A-4004	1015	.16		855	4,000
	A-1001	1040	.16		865	6,800
	A-5000	1140	.15		1020	2,600
60"	A-4000					
	A-4001	200	.50	140	70	1,200
	A-1000	300	.45	220	110	1,700
	A-4003	515	.33		260	1,900
	A-4004	815	.25		545	2,900
	A-1001	835	.25		555	5,200
	A-5000	915	.23		655	1,800

channel & combinations - engineering data 1b/2

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

BEAM SPAN OR COLUMN UNSUPPORTED HEIGHT	SECTION NUMBER	UNIFORM LOAD AT 25,000 PSI STRESS	DEFLECTION AT 25,000 PSI STRESS	UNIFORM LOAD @ MAX. DEFLECTION = 1/180 SPAN	UNIFORM LOAD @ MAX. DEFLECTION = 1/360 SPAN	MAX. LOADING OF COLUMN
72''	A-4000					
	A-4001					900
	A-1000	250	.65	150	75	1,000
	A-4003	430	.47	360	180	1,400
	A-4004	675	.36		375	2,200
	A-1001	700	.36		390	4,000
	A-5000	760	.34		455	1,400
84''	A-4000					
	A-4001					
	A-1000					
	A-4003	365	.65	260	130	1,000
	A-4004	580	.49	550	275	1,600
	A-1001	595	.49	560	280	3,200
	A-5000	650	.46		335	1,000
96''	A-4000					
	A-4001					
	A-1000					
	A-4003	320	.84	200	100	
	A-4004	510	.64	420	210	1,200
	A-1001	520	.64	430	215	2,400
	A-5000	570	.60	510	255	700
120''	A-4000					
	A-4001					
	A-1000					
	A-4003	255	1.32	130	65	
	A-4004	405	1.00	270	135	
	A-1001	415	1.00	280	140	
	A-5000	455	.93	330	165	

ELEMENTS OF SECTION

Part No.	Wt./Ft. Lbs.	Area of Section Sq. In.	Axis 1-1 I In.⁴	Axis 1-1 S In.³	Axis 1-1 r In.	Axis 2-2 I In.⁴	Axis 2-2 S In.³	Axis 2-2 r In.
A-4000	.50	.137	.008	.024	.242	.031	.050	.476
A-4001	1.00	.274	.038	.060	.360	.062	.100	.470
A-1000	1.10	.310	.062	.090	.450	.081	.130	.511
A-4003	1.50	.41	.146	.154	.593	.069	.110	.410
A-4004	2.00	.548	.305	.244	.742	.100	.160	.427
A-1001	2.20	.620	.312	.250	.710	.162	.260	.511
A-5000	1.70	.498	.368	.274	.860	.158	.253	.563

I — Moment of Inertia S — Section Modulus r — Radius of Gyration

Strength of A-1008 Nuts used in A-1000 and A-5000

Resistance to Slip — 500 Lbs. per bolt
Pull Out Strength — 900 Lbs. per bolt
Safety Factor of 3

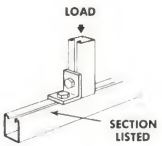
Strength of A-4008 Nuts used in A-4000

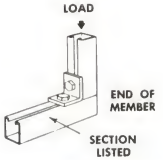
Resistance to Slip — 400 Lbs. per bolt
Pull Out Strength — 300 Lbs. per bolt
Safety Factor of 3

engineering data

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

Load data for 'UNISTRUT' sections subject to crushing loads.





SECTION	RECOMMENDED LOAD IN LBS.*
A-1000	3000
A-4000	1400
A-5000	2500

*Safety factor — 2½

SECTION	RECOMMENDED LOAD IN LBS.*
A-1000	2000
A-4000	1000
A-5000	1800

*Safety factor — 2½

"unistrut" nuts

2a/1

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

WITH SPRING

	SIZE	THREAD	Wt. Lbs./C
A-4006-0832	#8	32	5
A-4006-1024	#10	24	5
A-4006-1032	#10	32	5
A-4006-1420	¼"	20	5
A-4007	5/16"	18	5
A-4008	⅜"	16	5

WITH SPRING

	SIZE	THREAD	Wt. Lbs./C
A-1006-0832	#8	32	6
A-1006-1024	#10	24	6
A-1006-1032	#10	32	6
A-1006-1420	¼"	20	6
A-1007	5/16"	18	6
A-1008	⅜"	16	6

WITH SPRING

	SIZE	THREAD	Wt. Lbs./C
A-5006-0832	#8	32	6
A-5006-1024	#10	24	6
A-5006-1032	#10	32	6
A-5006-1420	¼"	20	6
A-5007	5/16"	18	6
A-5008	⅜"	16	6

"UNISTRUT" NUTS for A-1000, A-4000 & A-5000 channels

channel end caps & closure strip

2b/1

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

FOR A-1000 CHANNEL

Wt. Lbs./C 21

A-2641

FOR A-1000 CHANNEL

Wt. Lbs./C 7

A-1280

FOR A-4000 CHANNEL

Wt. Lbs./C 3

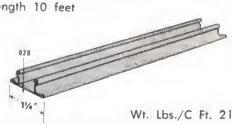
A-4280

FOR A-5000 CHANNEL

Wt. Lbs./C 14

A-5280

Standard length 10 feet



Wt. Lbs./C Ft. 21

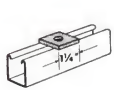
A-1184

general fittings

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

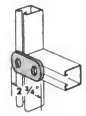
GENERAL DATA
hole size — 13/32" diameter
hole spacing — 5/8" from end
1-1/2" on center
width — 1-1/4"
thickness — 3/16"

flat plate fittings



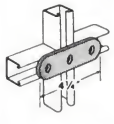
Wt. Lbs./C 8

A-1063



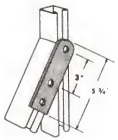
Wt. Lbs./C 17

A-1065



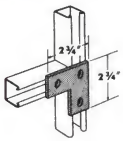
Wt. Lbs./C 26

A-1066



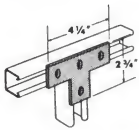
Wt. Lbs./C 39

A-2324



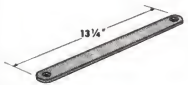
Wt. Lbs./C 27

A-1036



Wt. Lbs./C 34

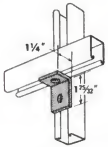
A-1031



Wt. Lbs./C 87

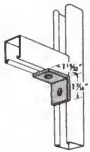
A-1191

ninety degree fittings



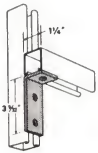
Wt. Lbs./C 17

A-1068



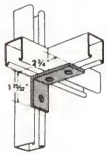
Wt. Lbs./C 17

A-1026



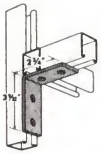
Wt. Lbs./C 27

A-1326



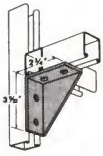
Wt. Lbs./C 27

A-1458



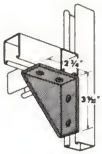
Wt. Lbs./C 38

A-1325



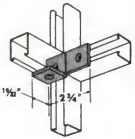
Wt. Lbs./C 75

A-1331



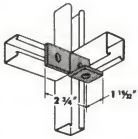
Wt. Lbs./C 75

A-1332



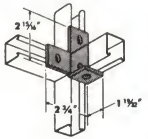
Wt. Lbs./C 30

A-1038



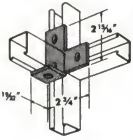
Wt. Lbs./C 30

A-1037



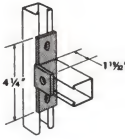
Wt. Lbs./C 34

A-1034



Wt. Lbs./C 34

A-1035



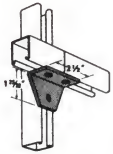
Wt. Lbs./C 34

A-1033

general fittings

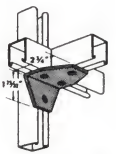
Manufactured by UNISTRUT CORPORATION · Wayne, Michigan

GENERAL DATA
hole size — 13/32" diameter
hole spacing — 5/8" from end
1-1/2" on center
width — 1-1/4"
thickness — 3/16"



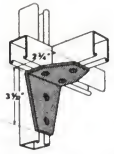
Wt. Lbs./C 30

A-1357



Wt. Lbs./C 44

A-1579



Wt. Lbs./C 59

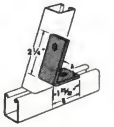
A-2235

angular fittings

	A	B
A-2125	52½°	1¼"
A-2126	45°	1¼"
A-2127	37½°	1⅜"

Wt. Lbs./C 17

A-2125 thru A-2127

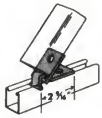


	A	B
A-2109	52½°	2⅛"
A-2110	45°	2⅛"
A-2111	37½°	2⅛"

Wt. Lbs./C 23

A-2109 thru A-2111

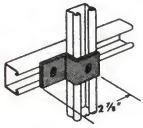
adjustable angle fitting



Wt. Lbs./C 29

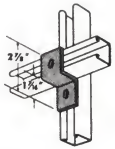
A-1186

"Z" shape fittings



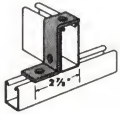
Wt. Lbs./C 21

A-4045



Wt. Lbs./C 25

A-1045



Wt. Lbs./C 33

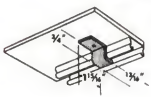
A-5045

GENERAL DATA
hole size — 13/32" diameter
hole spacing — 5/8" from end
1-1/2" on center
width — 1-1/4"
thickness — 3/16"

general fittings

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

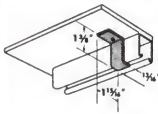
HOLE SIZE 13/32"



Wt. Lbs./C 7

A-4120

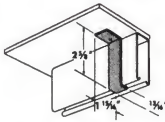
HOLE SIZE 13/32"



Wt. Lbs./C 9

A-2120

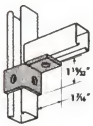
HOLE SIZE 13/32"



Wt. Lbs./C 33

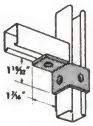
A-5120

wing shape fittings



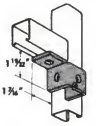
Wt. Lbs./C 20

A-2341R



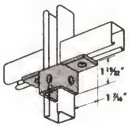
Wt. Lbs./C 20

A-2341L



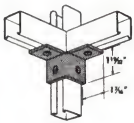
Wt. Lbs./C 33

A-2472



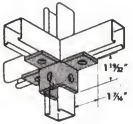
Wt. Lbs./C 41

A-2345



Wt. Lbs./C 26

A-2223



Wt. Lbs./C 88

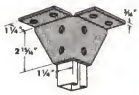
A-2227

general fittings

Manufactured by UNISTRUT CORPORATION · Wayne, Michigan

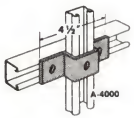
GENERAL DATA
hole size — 13/32" diameter
hole spacing — 5/8" from end
1-1/2" on center
width — 1-1/4"
thickness — 3/16"

"U" shape fittings



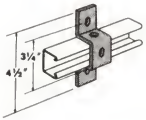
Wt. Lbs./C 90

A-2084



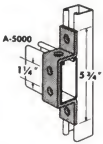
Wt. Lbs./C 34

A-4047



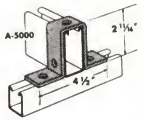
Wt. Lbs./C 43

A-1047



Wt. Lbs./C 50

A-5043



Wt. Lbs./C 58

A-5047

GENERAL DATA
hole size — 13/32" diameter
hole spacing — 5/8" from end
1 1/2" on center
width — 1 1/4"
thickness — 3/16"

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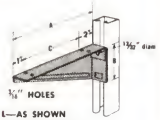
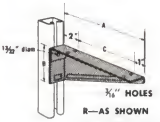
brackets



L—AS SHOWN
R—OPPOSITE HAND

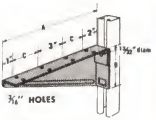
	A	B	C	Wt. Lbs./C
A-2491R-L	6"	2"	3"	38
A-2492R-L	8"	2½"	5"	56
A-2493R-L	10"	3"	7"	73

DESIGN UNIFORM LOAD ON BRACKETS
A-2491R-L thru A-2497R-L
A-1000 200#
A-4000 130#



R—AS SHOWN
L—OPPOSITE HAND

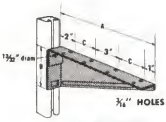
A-2491L thru A-2493L | **A-2491R thru A-2493R**



L—AS SHOWN
R—OPPOSITE HAND

	A	B	C	Wt. Lbs./C
A-2494R-L	12"	3½"	3"	94
A-2495R-L	14"	4"	4"	105
A-2496R-L	16"	4½"	5"	145
A-2497R-L	18"	5"	6"	175

DESIGN UNIFORM LOAD ON BRACKETS
A-2491R-L thru A-2497R-L
A-1000 200#
A-4000 130#



R—AS SHOWN
L—OPPOSITE

A-2494L thru A-2497L | **A-2494R thru A-2497R**

numerical index

13/16 channel width series

"UNISTRUT" CHANNELS AND COMBINATIONS

MATERIAL AND FINISHES

All single UNISTRUT members in the 13/16" series are accurately and carefully rolled from .040" thick mild strip steel. All multiple members are two or more standard UNISTRUT members spot welded approximately 2" to 3" on center. All channels are available in plain or greenamel finish.

STANDARD LENGTHS

P-6000 and combinations — 8 and 16 feet
P-7000 and combinations — 10 feet

Facilities are available to cut standard lengths into any special lengths for a small cutting charge. Standard tolerance is plus or minus 1/16".

"UNISTRUT" NUTS AND BOLTS

MATERIAL AND FINISHES

UNISTRUT nuts for the 13/16" series are manufactured from mild steel strip and are cyanide hardened. Hardening assures positive biting action into the inturned edge of the UNISTRUT. Nuts and bolts are available in plain or electro-galvanized finish.

THREADS

All threads on the nuts and bolts are Unified and American screw threads.

"UNISTRUT" FITTINGS

MATERIAL AND FINISHES

Unless otherwise noted, all UNISTRUT fittings are punch press formed from hot rolled pickled and oiled strip or sheet steel. They are available in plain or electro-galvanized finish.

STANDARD DIMENSIONS

The following dimensions apply to all fittings except as noted on the parts drawings:

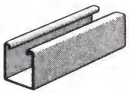
Hole size	—	9/32"
Hole spacing	—	13/32" from end of fitting
	—	1 1/16" center to center
Fitting width	—	13/16"
Fitting thickness	—	1/8"

UNISTRUT Corporation

index

P-6000 channel & combinations

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan



P-6000 channel and combinations are roll formed from .040 thick strip steel.

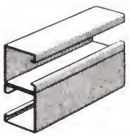
Standard lengths 8 and 16 feet.

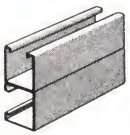
P-6000

Wt. Lbs./C Ft. 37

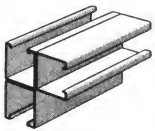
P-6001

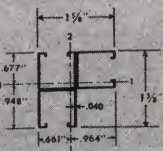
Wt. Lbs./C Ft. 73





P-6001-A **P-6001-B** **P-6001-C**



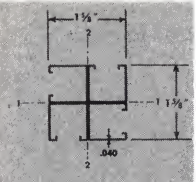


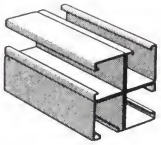
P-6001-C3

Wt. Lbs./C Ft. 110

P-6000 channel & combinations

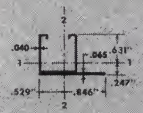
Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

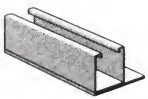




Wt. Lbs./C Ft. 145

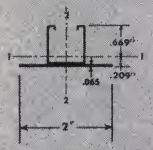
P-6001-C4

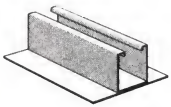




Wt. Lbs./C Ft. 67

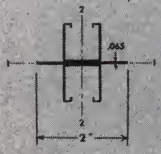
P-6003-1

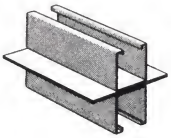




Wt. Lbs./C Ft. 79

P-6003



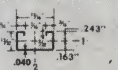


Wt. Lbs./C Ft. 158

P-6004

P-7000 channel & combinations

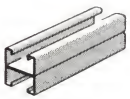
Manufactured by UNISTRUT CORPORATION • Wayne, Michigan



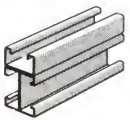
P-7000 channel and combinations are roll formed from .040 thick strip steel.

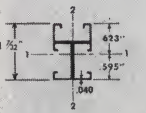
Standard lengths 10 feet.

P-7000 Wt. Lbs./C Ft. 26

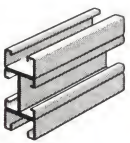


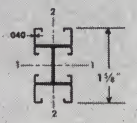
P-7001 Wt. Lbs./C Ft. 52





P-7003 Wt. Lbs./C Ft. 78

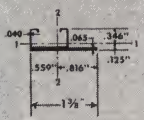


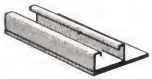


P-7004 Wt. Lbs./C Ft. 104

P-7000 channel & combinations

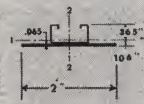
Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

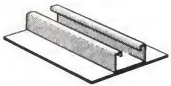




Wt. Lbs./C Ft. 43

P-7002-2





Wt. Lbs./C Ft. 68

P-7002-1

engineering data - P-6000 channel & combinations

Manufactured by UNISTRUT CORPORATION · Wayne, Michigan

BEAM LOADS:

Allowable uniformly distributed loads are listed for various simple spans, that is, beam on two supports. If load is concentrated at center of span, multiply load from table by 0.5 and corresponding deflection by 0.8.

Stress 25,000 #/sq. in. — Recommended for use where deflection is not a factor on long spans.
Deflection 1/180 span — Recommended for use generally to avoid undue deflections.
Deflection 1/360 span — Recommended for use where the amount of deflection is required to be imperceptible.

COLUMN LOADS:

Column loadings are for allowable axial loads for the unsupported heights listed. If loads are eccentric, loads should be reduced according to standard practice.

BEAM AND COLUMN DATA:

BEAM SPAN OR COLUMN UNSUPPORTED HEIGHT	SECTION NUMBER	UNIFORM LOAD AT 25,000 PSI STRESS	DEFLECTION AT 25,000 PSI STRESS	UNIFORM LOAD @ MAX. DEFLECTION = 1/180 SPAN	UNIFORM LOAD @ MAX. DEFLECTION = 1/360 SPAN	MAX. LOADING OF COLUMN
18"	P-6000	245	.06		195	1,700
	P-6003	310	.06		260	3,600
	P-6001	650	.03			3,420
	P-6004	700	.03			8,050
	P-6001-C3	860	.03			5,280
	P-6001-C4	1310	.04			7,040
24"	P-6000	180	.11		110	1,400
	P-6003	230	.11		145	2,960
	P-6001	490	.06			3,210
	P-6004	530	.06			7,400
	P-6001-C3	650	.05			5,110
	P-6001-C4	980	.06			6,800
30"	P-6000	145	.17	140	70	1,100
	P-6003	190	.17	180	90	2,160
	P-6001	390	.10		340	2,970
	P-6004	420	.09		375	6,590
	P-6001-C3	520	.08			4,880
	P-6001-C4	790	.10		685	6,480
36"	P-6000	120	.25	100	50	800
	P-6003	160	.25	130	65	1,510
	P-6001	330	.14		240	2,660
	P-6004	350	.13		260	5,570
	P-6001-C3	430	.12		365	4,600
	P-6001-C4	660	.14		475	6,100
42"	P-6000	105	.34	80	40	
	P-6003	130	.32	100	50	1,030
	P-6001	280	.19		175	2,280
	P-6004	300	.18		190	4,430
	P-6001-C3	370	.16		270	4,290
	P-6001-C4	560	.19		350	5,690
48"	P-6000	90	.43	60	30	
	P-6003	120	.44	80	40	
	P-6001	245	.24		130	1,880
	P-6004	260	.24		145	3,440
	P-6001-C3	330	.21		205	3,910
	P-6001-C4	490	.25		265	5,150
54"	P-6000	80	.55	50	25	
	P-6003	100	.53	60	30	
	P-6001	220	.31	210	105	1,470
	P-6004	230	.30		115	2,660
	P-6001-C3	290	.27		160	3,460
	P-6001-C4	440	.31	420	210	4,560
60"	P-6000	75	.70	40	20	
	P-6003	95	.69	50	25	
	P-6001	200	.39	170	85	1,210
	P-6004	210	.37	190	95	2,030
	P-6001-C3	260	.33		130	3,000
	P-6001-C4	390	.38	340	170	3,900

P-6000 channel & combinations - engineering data 1b/3

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

BEAM SPAN OR COLUMN UNSUPPORTED HEIGHT	SECTION NUMBER	UNIFORM LOAD AT 25,000 PSI STRESS	DEFLECTION AT 25,000 PSI STRESS	UNIFORM LOAD @ MAX. DEFLECTION = 1/180 SPAN	UNIFORM LOAD @ MAX. DEFLECTION = 1/360 SPAN	MAX. LOADING OF COLUMN
66"	P-6000	.....	.....	.....	.....	.....
	P-6003	85	.82	.....	.....	.....
	P-6001	180	.47	140	70	970
	P-6004	190	.45	150	75	1,700
	P-6001-C3	240	.40	220	110	2,540
	P-6001-C4	360	.47	280	140	3,340
72"	P-6000	.....	.....	.....	.....	.....
	P-6003	80	1.00	.....	.....	.....
	P-6001	165	.55	120	60	.....
	P-6004	175	.53	130	65	.....
	P-6001-C3	220	.48	180	90	2,140
	P-6001-C4	330	.56	240	120	2,810

ELEMENTS OF SECTION

Part No.	Wt./Ft. Lbs.	Area of Section Sq. In.	Axis 1-1 I In.⁴	Axis 1-1 S In.³	Axis 1-1 r In.	Axis 2-2 I In.⁴	Axis 2-2 S In.³	Axis 2-2 r In.
P-6000	.368	.108	.010	.022	.301	.014	.034	.366
P-6003-1	.670	.196	.017	.027	.294	.032	.038	.404
P-6003	.792	.261	.013	.028	.222	.056	.056	.461
P-6001	.726	.216	.048	.059	.470	.029	.071	.366
P-6004	1.584	.522	.053	.063	.316	.112	.112	.461
P-6001-C3	1.104	.324	.074	.078	.476	.081	.084	.500
P-6001-C4	1.452	.432	.096	.118	.470	.096	.118	.470

I — Moment of Inertia S — Section Modulus r — Radius of Gyration

Strength of P-6006-1420 Nuts used in P-6000

Resistance to Slip — 150 Lbs. per bolt
Pull Out Strength — 250 Lbs. per bolt
Safety Factor of 3

P-7000 channel & combinations - engineering data

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

BEAM LOADS:

Allowable uniformly distributed loads are listed for various simple spans, that is, beam on two supports. If load is concentrated at center of span, multiply load from table by 0.5 and corresponding deflection by 0.8.

Stress 25,000 #/sq. in. — Recommended for use where deflection is not a factor on long spans.
Deflection 1/180 span — Recommended for use generally to avoid undue deflections.
Deflection 1/360 span — Recommended for use where the amount of deflection is required to be imperceptible.

COLUMN LOADS:

Column loadings are for allowable axial loads for the unsupported heights listed. If loads are eccentric, loads should be reduced according to standard practice.

BEAM AND COLUMN DATA:

BEAM SPAN OR COLUMN UNSUPPORTED HEIGHT	SECTION NUMBER	UNIFORM LOAD AT 25,000 PSI STRESS	DEFLECTION AT 25,000 PSI STRESS	UNIFORM LOAD @ MAX. DEFLECTION = 1/180 SPAN	UNIFORM LOAD @ MAX. DEFLECTION = 1/360 SPAN	MAX. LOADING OF COLUMN
18"	P-7000	85	.11	80	40	900
	P-7002-1	120	.08	.....	80	1,840
	P-7001	210	.07	.....	158	2,020
	P-7003	690	.05	.....	.....	3,420
	P-7004	1000	.04	.....	.....	4,380

1b/4 engineering data - P-7000 channel & combinations

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

BEAM SPAN OR COLUMN UNSUPPORTED HEIGHT	SECTION NUMBER	UNIFORM LOAD AT 25,000 PSI STRESS	DEFLECTION AT 25,000 PSI STRESS	UNIFORM LOAD @ MAX. DEFLECTION = 1/180 SPAN	UNIFORM LOAD @ MAX. DEFLECTION = 1/360 SPAN	MAX. LOADING OF COLUMN
24"	P-7000	65	.19	44	22	700
	P-7002-1	90	.14	90	45	1,040
	P-7001	160	.12		90	1,700
	P-7003	520	.08		420	3,080
	P-7004	750	.06			4,030
30"	P-7000	50	.30	30	15	
	P-7002-1	75	.22	60	30	
	P-7001	125	.18	115	57	1,315
	P-7003	410	.13		270	2,610
	P-7004	600	.10		520	3,560
36"	P-7000	43	.43	20	10	
	P-7002-1	60	.30	40	20	
	P-7001	105	.27	80	40	925
	P-7003	345	.18		188	2,060
	P-7004	500	.14		360	3,010
42"	P-7000	38	.61	15		
	P-7002-1	52	.42	30	15	
	P-7001	90	.36	58	29	
	P-7003	295	.25	275	137	1,570
	P-7004	430	.19		265	2,380
48"	P-7000	33	.79			
	P-7002-1	46	.55	22	11	
	P-7001	80	.48	45	22	
	P-7003	260	.33	210	105	1,165
	P-7004	375	.25		200	2,220
60"	P-7001	65	.76	28	14	
	P-7003	205	.51	135	68	
	P-7004	300	.39	260	130	

ELEMENTS OF SECTION

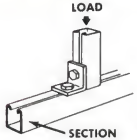
Part No.	Wt./Ft. Lbs.	Area of Section Sq. In.	Axis 1-1 I In.⁴	Axis 1-1 S In.³	Axis 1-1 r In.	Axis 2-2 I In.⁴	Axis 2-2 S In.³	Axis 2-2 r In.
P-7000	.260	.076	.002	.008	.160	.010	.024	.363
P-7002-2	.426	.165	.003	.010	.155	.027	.033	.404
P-7002-1	.684	.206	.004	.011	.139	.053	.053	.507
P-7001	.520	.142	.008	.019	.236	.020	.049	.376
P-7003	.780	.228	.038	.062	.407	.018	.044	.281
P-7004	1.040	.284	.073	.090	.564	.028	.069	.314

I — Moment of Inertia S — Section Modulus r — Radius of Gyration

Strength of P-7006-1420 Nuts used in P-7000

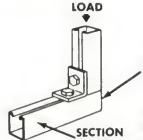
Resistance to Slip — 150 Lbs. per bolt
Pull Out Strength — 250 Lbs. per bolt
Safety Factor of 3

Load data for 'UNISTRUT' sections subject to crushing loads



SECTION	RECOMMENDED LOAD IN LBS.*
P-6000	1000
P-7000	1300

*Safety factor — 2½



SECTION	RECOMMENDED LOAD IN LBS.*
P-6000	700
P-7000	900

*Safety factor — 2½

"unistrut" nuts 2a/1

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

WITH SPRING

	SIZE	THREAD	Wt. Lbs./C
P-6006-0836	#8	36	1
P-6006-0832	#8	32	1
P-6006-1032	#10	32	1
P-6006-1024	#10	24	1
P-6006-1420	¼"	20	1

"UNISTRUT" NUTS for P-6000 channel

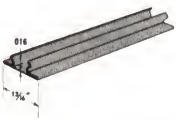
WITH SPRING

	SIZE	THREAD	Wt. Lbs./C
P-7006-0836	#8	36	1
P-7006-0832	#8	32	1
P-7006-1032	#10	32	1
P-7006-1024	#10	24	1
P-7006-1420	¼"	20	1

"UNISTRUT" NUTS for P-7000 channel

channel end caps & closure strip 2b/1

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan



Standard length 8 feet

Wt. Lbs./C Ft. 10

P-6184

FOR P-6000 CHANNEL

Wt. Lbs./C 3

P-6280

FOR P-7000 CHANNEL

Wt. Lbs./C 1

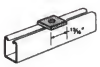
P-7280

general fittings

Manufactured by UNISTRUT CORPORATION · Wayne, Michigan

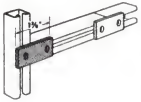
GENERAL DATA
hole size — 9/32" diameter
hole spacing — 13/32" from end
1 1/16" on center
width — 13/16"
thickness — 1/8"

flat plate fittings



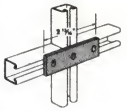
Wt. Lbs./C 2

P-6062



Wt. Lbs./C 5

P-6065

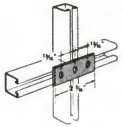


Wt. Lbs./C 8

P-6066

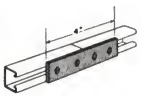
Wt. Lbs./C 5

P-6924



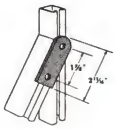
Wt. Lbs./C 7

P-6925



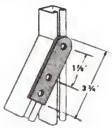
Wt. Lbs./C 11

P-6067



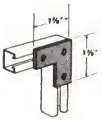
Wt. Lbs./C 7

P-7325



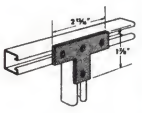
Wt. Lbs./C 10

P-7324



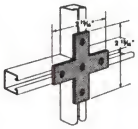
Wt. Lbs./C 8

P-6036



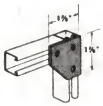
Wt. Lbs./C 11

P-6031



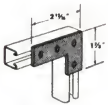
Wt. Lbs./C 14

P-6028



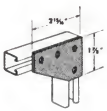
Wt. Lbs./C 11

P-6334



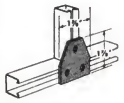
Wt. Lbs./C 11

P-6380A



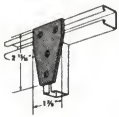
Wt. Lbs./C 15

P-6380



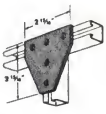
Wt. Lbs./C 10

P-6356A



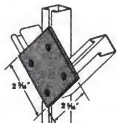
Wt. Lbs./C 15

P-6358A



Wt. Lbs./C 22

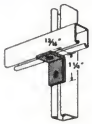
P-6726A



Wt. Lbs./C 19

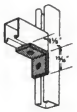
P-6962

ninety degree fittings



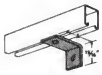
Wt. Lbs./C 5

P-6068



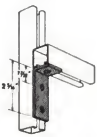
Wt. Lbs./C 5

P-6026



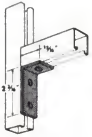
	A	Wt. Lbs./C
P-6281	2"	8
P-6282	2½"	9
P-6283	3"	10

P-6281 thru P-6283



Wt. Lbs./C 8

P-6326



Wt. Lbs./C 8

P-6346

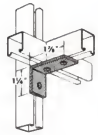
Wt. Lbs./C 8

P-6069

general fittings

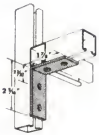
Manufactured by UNISTRUT CORPORATION · Wayne, Michigan

GENERAL DATA
hole size — 9/32" diameter
hole spacing — 13/32" from end
1 1/16" on center
width — 13/16"
thickness — 1/8"



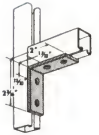
Wt. Lbs./C 8

P-6458



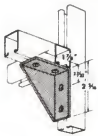
Wt. Lbs./C 11

P-6325



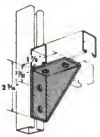
Wt. Lbs./C 11

P-6070



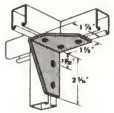
Wt. Lbs./C 19

P-6332



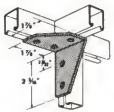
Wt. Lbs./C 19

P-6331



Wt. Lbs./C 21

P-6917

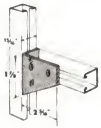


Wt. Lbs./C 21

P-6918

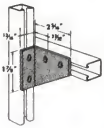
Wt. Lbs./C 15

P-6290



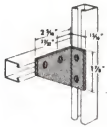
Wt. Lbs./C 15

P-6291



Wt. Lbs./C 15

P-6381

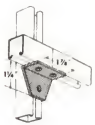


Wt. Lbs./C 15

P-6382

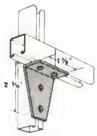
Wt. Lbs./C 11

P-6060



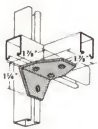
Wt. Lbs./C 10

P-6357



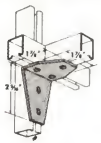
Wt. Lbs./C 15

P-6359



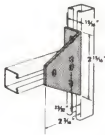
Wt. Lbs./C 15

P-6579



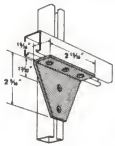
Wt. Lbs./C 18

P-7235



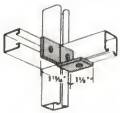
Wt. Lbs./C 22

P-6727



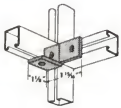
Wt. Lbs./C 22

P-6728



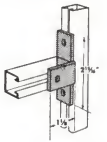
Wt. Lbs./C 8

P-6037



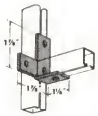
Wt. Lbs./C 8

P-6038



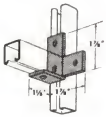
Wt. Lbs./C 11

P-6033



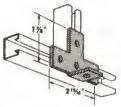
Wt. Lbs./C 11

P-6034



Wt. Lbs./C 11

P-6035



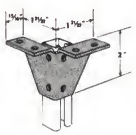
Wt. Lbs./C 14

P-6029

general fittings

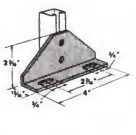
Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA
hole size — 9/32" diameter
hole spacing — 13/32" from end
1-1/16" on center
width — 13/16"
thickness — 1/8"



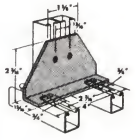
Wt. Lbs./C 28

P-6887



Wt. Lbs./C 32

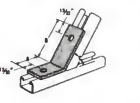
P-6130



Wt. Lbs./C 35

P-6355

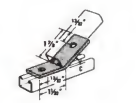
angular fittings



	A	B	C
P-7094	7/32"	2 5/32"	82 1/2°
P-7095	7/32"	2 1/32"	75°
P-7096	3/4"	2"	67 1/2°
P-7097	5/16"	1 31/32"	60°
P-7098	1 1/32"	1 3/4"	52 1/2°
P-6546	1 3/4"	1 29/32"	45°
P-7099	9/32"	2"	37 1/2°
P-7100	1 5/16"	1 15/32"	37 1/2°

Wt. Lbs./C 8

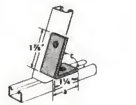
P-7094 thru P-7100



	C
P-7101	30°
P-7102	22 1/2°
P-7103	15°
P-7104	7 1/2°

Wt. Lbs./C 8

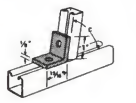
P-7101 thru P-7104



	A	C
P-7105	1 5/32"	82 1/2°
P-7106	1 5/16"	75°
P-7107	1 3/4"	67 1/2°
P-7108	1 13/32"	60°
P-7109	1 15/32"	52 1/2°
P-6186	1 3/4"	45°
P-7110	1 31/32"	37 1/2°

Wt. Lbs./C 8

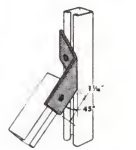
P-7105 thru P-7110



	C		C
P-7121	82 1/2°	**P-7127**	37 1/2°
P-7122	75°	**P-7128**	30°
P-7123	67 1/2°	**P-7129**	22 1/2°
P-7124	60°	**P-7130**	15°
P-7125	52 1/2°	**P-7131**	7 1/2°
P-7126	45°		

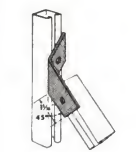
Wt. Lbs./C 5

P-7121 thru P-7131



Wt. Lbs./C 7

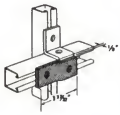
P-6191



Wt. Lbs./C 7

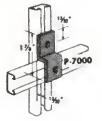
P-6192

"Z" shape fittings



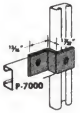
Wt. Lbs./C 5

P-6454



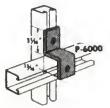
Wt. Lbs./C 6

P-7045



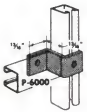
Wt. Lbs./C 6

P-7347



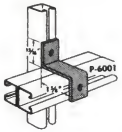
Wt. Lbs./C 7

P-6045



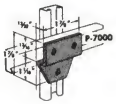
Wt. Lbs./C 7

P-6347



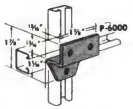
Wt. Lbs./C 9

P-6453



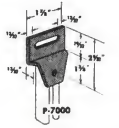
Wt. Lbs./C 18

P-7758



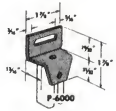
Wt. Lbs./C 13

P-6758



Wt. Lbs./C 13

P-7480



Wt. Lbs./C 13

P-6480

general fittings

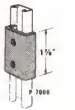
Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA
hole size — 9/32" diameter
hole spacing — 13/32" from end
1-1/16" on center
width — 13/16"
thickness — 1/8"

"U" shape fittings

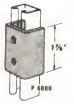
Wt. Lbs./C 8

P-6973



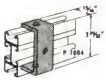
Wt. Lbs./C 11

P-7376



Wt. Lbs./C 17

P-6376



Wt. Lbs./C 7

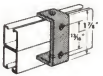
P-7044

Wt. Lbs./C 16

P-7376A

Wt. Lbs./C 26

P-6376A



Wt. Lbs./C 9

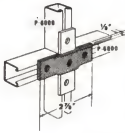
P-6044

Wt. Lbs./C 24

P-7377

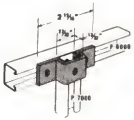
Wt. Lbs./C 36

P-6377



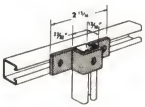
Wt. Lbs./C 8

P-6455



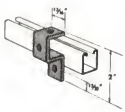
Wt. Lbs./C 10

P-7047



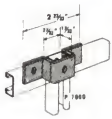
Wt. Lbs./C 12

P-6047



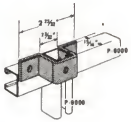
Wt. Lbs./C 10

P-6046



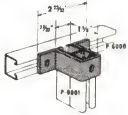
Wt. Lbs./C 10

P-7383



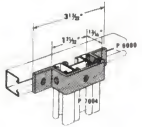
Wt. Lbs./C 12

P-6383



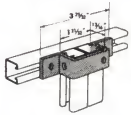
Wt. Lbs./C 16

P-6737



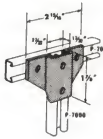
Wt. Lbs./C 13

P-7043



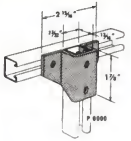
Wt. Lbs./C 14

P-6043



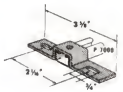
Wt. Lbs./C 19

P-7757



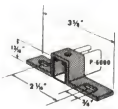
Wt. Lbs./C 26

P-6757



Wt. Lbs./C 10

P-7048



Wt. Lbs./C 14

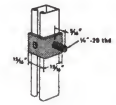
P-6048

general fittings

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

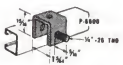
GENERAL DATA
hole size — 9/32" diameter
hole spacing — 13/32" from end
1-1/16" on center
width — 13/16"
thickness — 3/8"

stud fittings



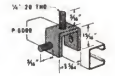
Wt. Lbs./C 5

P-6315



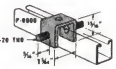
Wt. Lbs./C 8

P-6320



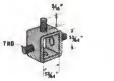
Wt. Lbs./C 9

P-6319



Wt. Lbs./C 9

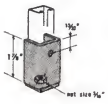
P-6317



Wt. Lbs./C 14

P-6321

special application fittings

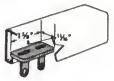


Wt. Lbs./C 21

P-6543

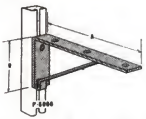
Wt. Lbs./C 1

P-6349



Wt. Lbs./C 1

P-6353



	A	B	Wt. Lbs./C
P-6127	6½"	2½"	30
P-6128	8½"	3½"	40
P-6129	10½"	4"	50

P-6127 thru P-6129

Wt. Lbs./C 8

P-6843

Wt. Lbs./C 14

P-6354

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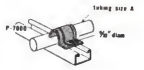
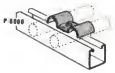
	O.D. TUBE SIZE A	Wt. Lbs./C			
P-7008	½"	1	P-7014	½"	3
P-7009	⅝"	1	P-7016	¾"	4
P-7010	⅝"	2	P-7018	⅞"	5
P-7012	¾"	2	P-7020	1"	5

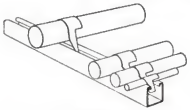


P-7008 thru P-7020



	O.D. TUBE SIZE A	O.D. TUBE SIZE B	C	Wt. Lbs./C
P-6805	¼"	¼"	½"	1
P-6806	⅜"	⅜"	1"	2
P-6807	½"	½"	1½"	3
P-6808	½"	⅜"	½"	2
P-6809	½"	½"	1"	2
P-6810	¾"	½"	1¼"	3

P-6805 thru P-6810



	O.D. TUBE SIZE A	Wt. Lbs./C		O.D. TUBE SIZE A	Wt. Lbs./C
P-7601	⅜"	.2	P-7608	¾"	.5
P-7602	½"	.3	P-7609	13/16"	.6
P-7603	½"	.3	P-7610	⅞"	.6
P-7604	⅝"	.3	P-7611	15/16"	.7
P-7605	⅝"	.4	P-7612	1"	.7
P-7606	¾"	.4	P-7613	1 1/16"	.8
P-7607	¾"	.5	P-7614	1"	.8

P-7601 thru P-7614

	A DIM.	O.D. TUBE SIZE	Wt. Lbs./C		A DIM.	O.D. TUBE SIZE	Wt. Lbs./C
P-6101	⅜"	⅜"	1	P-6108	1¼"	¾"	2
P-6102	½"	½"	1	P-6109	1⅜"	15/16"	2
P-6103	½"	½"	1	P-6110	1½"	⅞"	2
P-6104	⅝"	⅝"	1	P-6111	1⅝"	1"	2
P-6105	⅞"	⅞"	1	P-6112	1¾"	⅞"	3
P-6106	1"	½"	1	P-6113	1⅞"	15/16"	3
P-6107	1⅛"	¾"	1	P-6114	2"	1"	3

P-6101 thru P-6114

beam clamps

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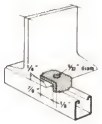
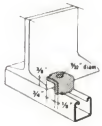


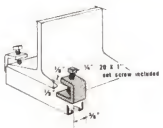
Wt. Lbs./C 4

P-6386



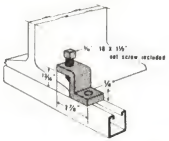
Wt. Lbs./C 4

P-6386A



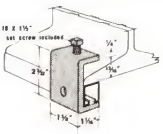
Wt. Lbs./C 5

P-6272



Wt. Lbs./C 13

P-6379



Wt. Lbs./C 41

P-6271

concrete inserts

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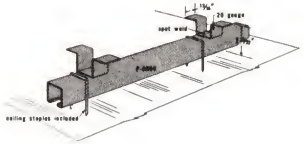
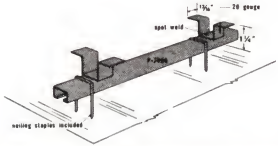


	LENGTH	Wt. Lbs./C		LENGTH	Wt. Lbs./C
P-6250	3"	20	P-6257	30"	122
P-6251	6"	32	P-6258	36"	142
P-6252	9"	43	P-6259	48"	187
P-6253	12"	53	P-6260	60"	232
P-6254	15"	67	P-6261	72"	276
P-6255	18"	78	P-6262	84"	314
P-6256	24"	98	P-6263	96"	364

P-6250 thru P-6263



	LENGTH	Wt. Lbs./C		LENGTH	Wt. Lbs./C
P-7250	3"	17	P-7257	30"	96
P-7251	6"	28	P-7258	36"	109
P-7252	9"	35	P-7259	48"	146
P-7253	12"	43	P-7260	60"	180
P-7254	15"	55	P-7261	72"	214
P-7255	18"	62	P-7262	84"	233
P-7256	24"	77	P-7263	96"	281

P-7250 thru P-7263

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P-6001-B	1a/2
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P-6001-C3	1a/2
P-6001-C4	1a/3
P-6003	1a/3
P-6003-1	1a/3
P-6004	1a/3
P-7000	1a/4
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Wayne, Michigan

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